

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

Trait : 305 Day Milk Yield
 Species : Cattle
 Breed: Holstein Crossbred
 Date of estimation: 30-Sep-18

SN	Bull Name	Semen Station (source)	Date of Birth	No. of daughter used in analysis	Breeding value (EBV)	Reliability EBV(%)	No. of test day records used	Genomic Breeding value (GEBV)	Reliability GEBV (%)
1	SAG-HFS-120	Sabarmati Ashram Gaushala, Bidaj	26-Sep-06	110	555.529	87	1106	682.562	89
2	SAG-HFS-95	Sabarmati Ashram Gaushala, Bidaj	7-May-05	99	525.936	85	981	647.487	88
3	SAG-HFG-16	Sabarmati Ashram Gaushala, Bidaj	17-Dec-08	119	519.011	87	1187	599.722	90
4	SAG-HFS-102	Sabarmati Ashram Gaushala, Bidaj	13-Feb-05	62	454.997	78	579	496.957	85
5	SAG-HFS-83	Sabarmati Ashram Gaushala, Bidaj	21-Dec-03	115	415.080	86	1150	550.457	90
6	SAG-HFS-66	Sabarmati Ashram Gaushala, Bidaj	19-Sep-03	95	399.338	85	965	372.270	88
7	ABC-CB-240	Animal Breeding Centre, Salon	14-Apr-04	43	359.296	71	356	401.520	77
8	SAG-HFG-23	Sabarmati Ashram Gaushala, Bidaj	17-Feb-10	60	346.483	77	544	403.736	83
9	SAG-HFS-85	Sabarmati Ashram Gaushala, Bidaj	18-Jan-04	77	343.915	82	790	328.556	86
10	ABC-CB-454	Animal Breeding Centre, Salon	23-Mar-09	77	314.532	81	698	283.585	85
11	SAG-HFS-149	Sabarmati Ashram Gaushala, Bidaj	23-Jan-11	76	304.048	81	714	320.938	86
12	SAG-HFS-100	Sabarmati Ashram Gaushala, Bidaj	26-Jul-05	78	285.225	82	793	429.582	87
13	SAG-HFS-131	Sabarmati Ashram Gaushala, Bidaj	2-Mar-08	56	284.822	76	476	506.299	82
14	SAG-HFK-11	Sabarmati Ashram Gaushala, Bidaj	6-Sep-04	131	279.570	87	1319	396.232	91
15	SAG-HFS-146	Sabarmati Ashram Gaushala, Bidaj	16-Sep-09	63	276.447	78	601	314.100	83
16	SAG-HFS-108	Sabarmati Ashram Gaushala, Bidaj	7-Feb-05	126	269.865	87	1299	381.157	90
17	SAG-HFS-80	Sabarmati Ashram Gaushala, Bidaj	15-Jun-04	134	269.603	87	1314	303.452	90
18	SAG-HFS-87	Sabarmati Ashram Gaushala, Bidaj	19-May-04	80	268.009	82	799	296.817	86
19	SAG-HFS-79	Sabarmati Ashram Gaushala, Bidaj	28-Feb-04	81	260.207	82	832	360.457	86

SN	Bull Name	Semen Station (source)	Date of Birth	No. of daughter used in analysis	Breeding value (EBV)	Reliability EBV(%)	No. of test day records used	Genomic Breeding value (GEBV)	Reliability GEBV (%)
20	SAG-HFS-123	Sabarmati Ashram Gaushala, Bidaj	1-Jan-06	138	258.913	88	1424	339.435	91
21	SAG-HFS-128	Sabarmati Ashram Gaushala, Bidaj	15-Jan-08	76	245.996	82	717	212.286	84
22	SAG-HFS-151	Sabarmati Ashram Gaushala, Bidaj	24-Mar-11	71	240.515	80	629	230.030	85
23	SAG-HFS-144	Sabarmati Ashram Gaushala, Bidaj	1-Jan-10	99	233.357	85	891	212.360	88
24	SAG-HFS-145	Sabarmati Ashram Gaushala, Bidaj	28-Aug-10	87	182.607	83	814	191.546	87
25	ABC-CB-417	Animal Breeding Centre, Salon	2-Aug-09	97	174.830	84	933	146.110	87
26	SAG-HFS-121	Sabarmati Ashram Gaushala, Bidaj	26-Mar-07	134	157.411	88	1363	157.046	91
27	ABC-CB-340	Animal Breeding Centre, Salon	3-Aug-08	46	155.807	73	407	248.780	79
28	ABC-CB-379	Animal Breeding Centre, Salon	13-May-07	44	154.014	74	387	239.191	80
29	SAG-HFG-20	Sabarmati Ashram Gaushala, Bidaj	1-Sep-10	63	145.844	79	549	251.289	83
30	SAG-HFS-70	Sabarmati Ashram Gaushala, Bidaj	8-Jul-03	135	145.605	88	1396	229.530	90
31	SAG-HFG-22	Sabarmati Ashram Gaushala, Bidaj	17-Jun-10	147	137.673	88	1363	176.754	91
32	SAG-HFS-130	Sabarmati Ashram Gaushala, Bidaj	5-Jun-05	113	133.626	86	1130	102.229	89
33	SAG-HFS-134	Sabarmati Ashram Gaushala, Bidaj	1-May-08	127	113.561	87	1222	110.633	90
34	SAG-HFS-125	Sabarmati Ashram Gaushala, Bidaj	20-May-06	96	109.815	85	942	133.495	90
35	SAG-HFS-46	Sabarmati Ashram Gaushala, Bidaj	20-May-03	188	103.495	91	1870	113.557	93
36	SAG-HFS-147	Sabarmati Ashram Gaushala, Bidaj	18-Dec-10	82	102.297	82	722	110.525	86
37	SAG-HFS-86	Sabarmati Ashram Gaushala, Bidaj	11-Aug-04	111	92.868	86	1120	80.850	89
38	SAG-HFS-65	Sabarmati Ashram Gaushala, Bidaj	8-Jul-03	33	92.329	70	316	125.205	78
39	SAG-HFS-122	Sabarmati Ashram Gaushala, Bidaj	11-Sep-07	120	88.199	87	1205	118.097	90
40	SAG-HFG-15	Sabarmati Ashram Gaushala, Bidaj	27-Jul-08	125	82.157	87	1238	136.333	90
41	SAG-HFS-94	Sabarmati Ashram Gaushala, Bidaj	4-Jan-04	105	81.647	85	1059	128.093	89
42	SAG-HFS-84	Sabarmati Ashram Gaushala, Bidaj	24-Dec-03	122	68.539	86	1226	65.511	90
43	SAG-HFS-137	Sabarmati Ashram Gaushala, Bidaj	3-Dec-07	91	66.071	84	878	92.567	87
44	SAG-HFS-132	Sabarmati Ashram Gaushala, Bidaj	19-Feb-08	109	56.579	86	1092	-38.840	89
45	SAG-HFG-13	Sabarmati Ashram Gaushala, Bidaj	22-Mar-07	140	44.665	88	1405	100.432	91

SN	Bull Name	Semen Station (source)	Date of Birth	No. of daughter used in analysis	Breeding value (EBV)	Reliability EBV(%)	No. of test day records used	Genomic Breeding value (GEBV)	Reliability GEBV (%)
46	SAG-HFS-117	Sabarmati Ashram Gaushala, Bidaj	9-Aug-06	179	42.662	90	1769	-27.735	92
47	SAG-HFS-98	Sabarmati Ashram Gaushala, Bidaj	7-Sep-05	113	33.309	86	1149	32.980	90
48	SAG-HFS-124	Sabarmati Ashram Gaushala, Bidaj	21-Oct-05	136	32.939	88	1398	59.918	90
49	SAG-HFS-101	Sabarmati Ashram Gaushala, Bidaj	21-Sep-05	109	18.075	86	1058	-14.398	89
50	SAG-HFG-19	Sabarmati Ashram Gaushala, Bidaj	21-Jul-09	86	15.238	82	798	20.761	87
51	ABC-CB-183	Animal Breeding Centre, Salon	3-Jul-03	105	-0.500	85	968	-10.448	88
52	ABC-CB-362	Animal Breeding Centre, Salon	1-Oct-08	96	-11.921	84	914	39.552	87
53	SAG-HFS-45	Sabarmati Ashram Gaushala, Bidaj	23-Dec-00	39	-15.084	71	389	42.204	77
54	SAG-HFS-116	Sabarmati Ashram Gaushala, Bidaj	24-Apr-06	93	-16.793	84	956	28.203	88
55	SAG-HFK-22	Sabarmati Ashram Gaushala, Bidaj	10-Jul-09	145	-17.535	89	1453	35.109	91
56	SAG-HFG-24	Sabarmati Ashram Gaushala, Bidaj	30-May-10	65	-25.003	79	551	-54.418	84
57	ABC-CB-434	Animal Breeding Centre, Salon	30-Jan-09	107	-30.659	86	1017	-44.540	89
58	SAG-HFS-141	Sabarmati Ashram Gaushala, Bidaj	11-Mar-08	84	-31.686	83	790	-27.188	86
59	SAG-HFS-91	Sabarmati Ashram Gaushala, Bidaj	17-Oct-04	94	-34.583	84	936	-65.104	88
60	SAG-HFS-36	Sabarmati Ashram Gaushala, Bidaj	21-Jan-02	111	-41.794	86	1049	20.454	90
61	SAG-HFS-129	Sabarmati Ashram Gaushala, Bidaj	4-Nov-07	100	-42.402	85	990	-83.176	90
62	SAG-HFS-113	Sabarmati Ashram Gaushala, Bidaj	8-Sep-05	106	-47.673	86	1082	-49.340	90
63	SAG-HFS-126	Sabarmati Ashram Gaushala, Bidaj	25-Jul-06	103	-58.574	85	1043	-27.072	89
64	SAG-HFS-138	Sabarmati Ashram Gaushala, Bidaj	16-Dec-08	90	-70.614	84	887	17.493	87
65	SAG-HFG-5	Sabarmati Ashram Gaushala, Bidaj	9-May-03	100	-89.208	85	969	-19.198	90
66	SAG-HFG-12	Sabarmati Ashram Gaushala, Bidaj	10-Jun-07	158	-114.683	90	1593	-112.788	93
67	ABC-CB-353	Animal Breeding Centre, Salon	4-Apr-06	78	-114.879	82	674	-36.879	86
68	SAG-HFS-115	Sabarmati Ashram Gaushala, Bidaj	15-Feb-06	80	-135.825	82	756	-153.098	86
69	ABC-CB-330	Animal Breeding Centre, Salon	20-Dec-06	84	-140.271	83	791	-226.751	87
70	SAG-HFG-17	Sabarmati Ashram Gaushala, Bidaj	7-Feb-09	132	-149.540	88	1306	-124.276	90
71	SAG-HFK-18	Sabarmati Ashram Gaushala, Bidaj	31-Aug-08	146	-153.699	89	1447	-144.721	91

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72	ABC-CB-336	Animal Breeding Centre, Salon	13-Nov-07	44	-169.246	71	367	-180.336	77
73	ABC-CB-230	Animal Breeding Centre, Salon	4-Aug-05	97	-175.121	84	861	-206.927	87
74	SAG-HFG-10	Sabarmati Ashram Gaushala, Bidaj	16-Sep-07	116	-179.166	86	1185	-95.856	89
75	SAG-HFK-13	Sabarmati Ashram Gaushala, Bidaj	17-May-04	110	-214.111	86	1076	-275.095	89
76	SAG-HFK-9	Sabarmati Ashram Gaushala, Bidaj	25-Jan-04	68	-214.891	80	683	-277.810	85
77	SAG-HFS-103	Sabarmati Ashram Gaushala, Bidaj	31-Aug-05	111	-224.578	86	1085	-360.569	89
78	SAG-HFK-20	Sabarmati Ashram Gaushala, Bidaj	15-Dec-05	138	-229.150	88	1330	-202.190	91
79	SAG-HFK-15	Sabarmati Ashram Gaushala, Bidaj	21-Dec-05	121	-231.046	87	1182	-224.116	90
80	SAG-HFK-17	Sabarmati Ashram Gaushala, Bidaj	7-Feb-09	117	-242.112	87	1165	-246.065	90
81	SAG-HFG-14	Sabarmati Ashram Gaushala, Bidaj	13-May-08	174	-263.136	90	1730	-224.280	93
82	SAG-HFS-119	Sabarmati Ashram Gaushala, Bidaj	2-Sep-06	108	-269.189	86	1091	-279.537	89
83	SAG-HFS-140	Sabarmati Ashram Gaushala, Bidaj	28-Jul-09	74	-276.862	81	695	-317.686	86
84	ABC-CB-418	Animal Breeding Centre, Salon	29-Sep-09	87	-303.717	83	831	-375.093	87
85	ABC-CB-314	Animal Breeding Centre, Salon	1-Sep-06	93	-306.200	84	878	-324.794	87
86	SAG-HFS-127	Sabarmati Ashram Gaushala, Bidaj	3-Apr-06	117	-389.122	87	1144	-449.102	89
87	SAG-HFS-143	Sabarmati Ashram Gaushala, Bidaj	1-Oct-09	143	-483.292	88	1290	-571.579	91
88	SAG-HFG-11	Sabarmati Ashram Gaushala, Bidaj	10-Oct-07	88	-504.367	83	828	-549.565	87
89	ABC-CB-453	Animal Breeding Centre, Salon	6-Jan-09	114	-530.900	86	1053	-578.302	89
90	SAG-HFK-14	Sabarmati Ashram Gaushala, Bidaj	17-Apr-06	110	-544.813	86	1098	-559.778	89
91	SAG-HFG-18	Sabarmati Ashram Gaushala, Bidaj	1-Aug-08	117	-655.231	87	1111	-710.627	89
92	SAG-HFS-48	Sabarmati Ashram Gaushala, Bidaj	30-Dec-02	NA	NA	NA	NA	665.497	71
93	SAG-HFS-133	Sabarmati Ashram Gaushala, Bidaj	25-Jan-09	NA	NA	NA	NA	564.399	39
94	ABC-CB-244	Animal Breeding Centre, Salon	23-Jan-05	NA	NA	NA	NA	555.928	73
95	ABC-CB-561	Animal Breeding Centre, Salon	20-Dec-09	NA	NA	NA	NA	506.604	38
96	SAG-HFS-74	Sabarmati Ashram Gaushala, Bidaj	26-Aug-03	NA	NA	NA	NA	402.980	63
97	DSU-CBHF-02	Dama Semen Production Unit	NA	NA	NA	NA	NA	401.889	26

SN	Bull Name	Semen Station (source)	Date of Birth	No. of daughter used in analysis	Breeding value (EBV)	Reliability EBV(%)	No. of test day records used	Genomic Breeding value (GEBV)	Reliability GEBV (%)
104	ABC-CB-477	Animal Breeding Centre, Salon	12-Mar-10	NA	NA	NA	NA	381.258	76
105	SAG-HFK-23	Sabarmati Ashram Gaushala, Bidaj	10-Jan-09	NA	NA	NA	NA	337.492	32
106	SAG-HFG-25	Sabarmati Ashram Gaushala, Bidaj	14-Jun-11	NA	NA	NA	NA	302.056	76
112	DUR-HKN-184	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	256.481	23
114	SAG-HFG-508	Sabarmati Ashram Gaushala, Bidaj	24-Apr-12	NA	NA	NA	NA	238.130	32
115	SAG-HFS-24	Sabarmati Ashram Gaushala, Bidaj	17-Dec-99	NA	NA	NA	NA	212.159	64
116	SAG-HFS-64	Sabarmati Ashram Gaushala, Bidaj	10-Apr-03	NA	NA	NA	NA	189.736	73
117	SAG-HFS-25	Sabarmati Ashram Gaushala, Bidaj	25-Jan-00	NA	NA	NA	NA	180.069	73
118	SAG-HFS-56	Sabarmati Ashram Gaushala, Bidaj	26-May-03	NA	NA	NA	NA	159.409	64
119	SAG-HFS-69	Sabarmati Ashram Gaushala, Bidaj	22-Oct-02	NA	NA	NA	NA	149.805	75
120	DSU-CBHF-9	Dama Semen Production Unit	10-Apr-10	NA	NA	NA	NA	147.528	74
121	SAG-HFS-602	Sabarmati Ashram Gaushala, Bidaj	7-Sep-11	NA	NA	NA	NA	123.834	31
122	SAG-HFS-28	Sabarmati Ashram Gaushala, Bidaj	19-Sep-00	NA	NA	NA	NA	98.404	76
123	SAG-HFG-502	Sabarmati Ashram Gaushala, Bidaj	15-May-12	NA	NA	NA	NA	94.931	23
125	SAG-HFS-610	Sabarmati Ashram Gaushala, Bidaj	21-Oct-11	NA	NA	NA	NA	88.537	26
126	SAG-HFG-505	Sabarmati Ashram Gaushala, Bidaj	12-Jan-12	NA	NA	NA	NA	82.347	27
127	SAG-HFS-68	Sabarmati Ashram Gaushala, Bidaj	28-Mar-03	NA	NA	NA	NA	64.871	75
128	SAG-HFS-17	Sabarmati Ashram Gaushala, Bidaj	27-Nov-98	NA	NA	NA	NA	60.947	40
129	SAG-HFS-81	Sabarmati Ashram Gaushala, Bidaj	24-Nov-03	NA	NA	NA	NA	59.747	77
130	SAG-HFS-601	Sabarmati Ashram Gaushala, Bidaj	29-Dec-10	NA	NA	NA	NA	51.737	33
131	DUR-HKN-194	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	50.295	20
132	DSU-CBHF-10	Dama Semen Production Unit	11-Apr-09	NA	NA	NA	NA	49.312	58
133	ABC-CB-485	Animal Breeding Centre, Salon	2-Oct-10	NA	NA	NA	NA	39.654	53
134	SAG-HFS-55	Sabarmati Ashram Gaushala, Bidaj	24-Dec-02	NA	NA	NA	NA	38.359	74
135	SAG-HFS-32	Sabarmati Ashram Gaushala, Bidaj	17-Jun-01	NA	NA	NA	NA	37.095	67
136	SAG-HFS-21	Sabarmati Ashram Gaushala, Bidaj	1-Jun-99	NA	NA	NA	NA	35.265	55

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137	SAG-HFK-16	Sabarmati Ashram Gaushala, Bidaj	15-May-08	NA	NA	NA	NA	27.228	38
138	SAG-HFS-609	Sabarmati Ashram Gaushala, Bidaj	13-Aug-12	NA	NA	NA	NA	23.214	34
139	SAG-HFS-605	Sabarmati Ashram Gaushala, Bidaj	18-Dec-11	NA	NA	NA	NA	0.000	12
140	ABC-CB-528	Animal Breeding Centre, Salon	9-Jul-10	NA	NA	NA	NA	-4.522	57
141	SAG-HFS-612	Sabarmati Ashram Gaushala, Bidaj	4-Aug-12	NA	NA	NA	NA	-23.933	29
142	SAG-HFS-148	Sabarmati Ashram Gaushala, Bidaj	8-Nov-11	NA	NA	NA	NA	-29.114	74
143	DSU-CBHF-06	Dama Semen Production Unit	NA	NA	NA	NA	NA	-29.564	29
144	SAG-HFS-607	Sabarmati Ashram Gaushala, Bidaj	20-Feb-12	NA	NA	NA	NA	-31.148	64
145	SAG-HFS-39	Sabarmati Ashram Gaushala, Bidaj	8-Aug-02	NA	NA	NA	NA	-45.071	68
146	SAG-HFG-506	Sabarmati Ashram Gaushala, Bidaj	12-Aug-12	NA	NA	NA	NA	-49.193	23
147	SAG-HFS-20	Sabarmati Ashram Gaushala, Bidaj	3-May-98	NA	NA	NA	NA	-51.198	54
148	DUR-HKN-216	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	-54.531	19
149	SAG-HFS-10	Sabarmati Ashram Gaushala, Bidaj	4-Jul-98	NA	NA	NA	NA	-67.155	46
150	DSU-CBHF-18	Dama Semen Production Unit	25-Oct-11	NA	NA	NA	NA	-69.231	31
151	SAG-HFK-27	Sabarmati Ashram Gaushala, Bidaj	24-Sep-11	NA	NA	NA	NA	-71.239	32
152	DUR-HKN-190	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	-76.652	29
153	SAG-HFS-611	Sabarmati Ashram Gaushala, Bidaj	11-Sep-12	NA	NA	NA	NA	-78.939	28
154	DUR-HKN-211	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	-90.207	27
155	DSU-CBHF-16	Dama Semen Production Unit	5-Jan-12	NA	NA	NA	NA	-90.220	27
156	SAG-HFG-26	Sabarmati Ashram Gaushala, Bidaj	14-Oct-11	NA	NA	NA	NA	-94.686	30
157	DSU-CBHF-08	Dama Semen Production Unit	NA	NA	NA	NA	NA	-96.819	33
158	SAG-HFS-22	Sabarmati Ashram Gaushala, Bidaj	6-Feb-01	NA	NA	NA	NA	-97.068	66
159	SAG-HFS-603	Sabarmati Ashram Gaushala, Bidaj	14-Jan-12	NA	NA	NA	NA	-104.654	31
160	SAG-HFS-154	Sabarmati Ashram Gaushala, Bidaj	21-Apr-12	NA	NA	NA	NA	-111.184	58
161	DSU-CBHF-13	Dama Semen Production Unit	25-Aug-10	NA	NA	NA	NA	-126.473	70
162	ABC-CB-364	Animal Breeding Centre, Salon	5-Mar-07	NA	NA	NA	NA	-141.071	25

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163	DSU-CBHF-17	Dama Semen Production Unit	NA	NA	NA	NA	NA	-159.921	26
164	DUR-HKN-218	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	-183.653	28
165	ABC-CB-480	Animal Breeding Centre, Salon	22-May-10	NA	NA	NA	NA	-198.794	74
166	DUR-HKN-213	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	-224.088	27
167	SAG-HFS-155	Sabarmati Ashram Gaushala, Bidaj	2-Sep-11	NA	NA	NA	NA	-412.308	31

Trait : 305 Day Fat Yield
Species : Cattle
Breed: Holstein Crossbred
Date of estimation: 30-Sep-18

SN	Bull Name	Semen Station (source)	Date of Birth	No. of daughter used in analysis	Breeding value Fat Yield	Reliability EBV(%)	Breeding value Fat %	No. of test day records used	Genomic Breeding value (GEBV)	Reliability GEBV (%)
1	SAG-HFG-18	Sabarmati Ashram Gaushala, Bidaj	1-Aug-08	117	-25.517	85	-0.082	1102	-27.417	86
2	SAG-HFK-14	Sabarmati Ashram Gaushala, Bidaj	17-Apr-06	110	-20.750	85	-0.086	1093	-20.307	86
3	ABC-CB-453	Animal Breeding Centre, Salon	6-Jan-09	112	-20.112	84	-0.089	1023	-22.087	86
4	SAG-HFS-143	Sabarmati Ashram Gaushala, Bidaj	1-Oct-09	139	-20.097	86	0.001	1244	-22.241	88
5	SAG-HFG-11	Sabarmati Ashram Gaushala, Bidaj	10-Oct-07	86	-19.058	81	-0.085	794	-21.272	83
6	ABC-CB-314	Animal Breeding Centre, Salon	1-Sep-06	91	-14.980	82	0.093	854	-15.372	84
7	SAG-HFS-127	Sabarmati Ashram Gaushala, Bidaj	3-Apr-06	117	-14.851	85	-0.056	1130	-18.164	86
8	SAG-HFS-119	Sabarmati Ashram Gaushala, Bidaj	2-Sep-06	106	-13.224	85	0.083	1058	-12.640	86
9	SAG-HFS-140	Sabarmati Ashram Gaushala, Bidaj	28-Jul-09	70	-11.327	79	-0.007	665	-13.465	82
10	SAG-HFS-103	Sabarmati Ashram Gaushala, Bidaj	31-Aug-05	110	-10.510	85	0.047	1074	-13.557	86
11	ABC-CB-418	Animal Breeding Centre, Salon	29-Sep-09	85	-10.329	81	-0.094	813	-12.749	83
12	SAG-HFK-20	Sabarmati Ashram Gaushala, Bidaj	15-Dec-05	137	-9.582	87	0.002	1309	-7.080	88
13	SAG-HFK-17	Sabarmati Ashram Gaushala, Bidaj	7-Feb-09	116	-8.981	85	-0.043	1149	-8.247	87
14	ABC-CB-230	Animal Breeding Centre, Salon	4-Aug-05	92	-8.513	82	0.048	825	-8.793	84
15	SAG-HFK-9	Sabarmati Ashram Gaushala, Bidaj	25-Jan-04	67	-8.488	78	-0.018	621	-9.778	81
16	SAG-HFS-115	Sabarmati Ashram Gaushala, Bidaj	15-Feb-06	80	-8.480	80	0.109	743	-7.404	82
17	SAG-HFG-14	Sabarmati Ashram Gaushala, Bidaj	13-May-08	172	-7.747	89	-0.129	1708	-6.870	92
18	SAG-HFK-15	Sabarmati Ashram Gaushala, Bidaj	21-Dec-05	119	-6.967	86	-0.105	1168	-6.457	87

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19	SAG-HFK-13	Sabarmati Ashram Gaushala, Bidaj	17-May-04	110	-6.946	85	-0.077	1072	-9.661	87
20	ABC-CB-330	Animal Breeding Centre, Salon	20-Dec-06	83	-6.864	81	0.040	777	-10.529	83
21	SAG-HFG-17	Sabarmati Ashram Gaushala, Bidaj	7-Feb-09	130	-6.679	86	0.018	1286	-5.900	87
22	SAG-HFK-18	Sabarmati Ashram Gaushala, Bidaj	31-Aug-08	144	-6.038	88	-0.014	1427	-5.294	89
23	SAG-HFS-138	Sabarmati Ashram Gaushala, Bidaj	16-Dec-08	90	-3.916	82	0.037	879	-1.744	84
24	SAG-HFS-36	Sabarmati Ashram Gaushala, Bidaj	21-Jan-02	111	-3.690	85	0.073	1033	0.249	87
25	SAG-HFG-10	Sabarmati Ashram Gaushala, Bidaj	16-Sep-07	115	-3.601	85	-0.150	1173	0.569	87
26	SAG-HFG-12	Sabarmati Ashram Gaushala, Bidaj	10-Jun-07	158	-3.402	89	-0.052	1576	-4.033	91
27	ABC-CB-353	Animal Breeding Centre, Salon	4-Apr-06	76	-3.124	79	-0.063	643	-0.511	82
28	SAG-HFG-24	Sabarmati Ashram Gaushala, Bidaj	30-May-10	61	-2.837	75	0.066	509	-4.167	79
29	SAG-HFS-91	Sabarmati Ashram Gaushala, Bidaj	17-Oct-04	92	-2.742	82	0.048	886	-3.747	85
30	SAG-HFK-22	Sabarmati Ashram Gaushala, Bidaj	10-Jul-09	145	-2.717	88	0.073	1435	-0.025	89
31	SAG-HFG-5	Sabarmati Ashram Gaushala, Bidaj	9-May-03	99	-2.416	83	-0.049	879	-0.901	87
32	ABC-CB-183	Animal Breeding Centre, Salon	3-Jul-03	105	-2.106	83	0.076	942	-2.548	85
33	SAG-HFS-126	Sabarmati Ashram Gaushala, Bidaj	25-Jul-06	103	-1.877	84	-0.021	1029	-0.782	86
34	SAG-HFS-129	Sabarmati Ashram Gaushala, Bidaj	4-Nov-07	100	-1.312	84	-0.017	986	-4.597	87
35	ABC-CB-434	Animal Breeding Centre, Salon	30-Jan-09	105	-1.084	84	-0.007	995	-0.455	86
36	SAG-HFS-116	Sabarmati Ashram Gaushala, Bidaj	24-Apr-06	93	-1.060	83	0.013	935	1.168	85
37	ABC-CB-362	Animal Breeding Centre, Salon	1-Oct-08	94	-0.899	82	0.015	893	1.902	83
38	SAG-HFS-113	Sabarmati Ashram Gaushala, Bidaj	8-Sep-05	105	-0.431	84	-0.058	1064	-1.918	88
39	SAG-HFS-137	Sabarmati Ashram Gaushala, Bidaj	3-Dec-07	91	-0.229	82	0.106	861	2.509	84
40	SAG-HFS-132	Sabarmati Ashram Gaushala, Bidaj	19-Feb-08	108	0.224	85	0.076	1070	-1.503	86
41	SAG-HFG-13	Sabarmati Ashram Gaushala, Bidaj	22-Mar-07	139	0.385	87	0.053	1376	1.987	89
42	SAG-HFG-22	Sabarmati Ashram Gaushala, Bidaj	17-Jun-10	140	0.831	87	0.170	1292	2.499	88

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43	SAG-HFG-19	Sabarmati Ashram Gaushala, Bidaj	21-Jul-09	84	1.083	80	-0.016	771	1.760	83
44	SAG-HFS-122	Sabarmati Ashram Gaushala, Bidaj	11-Sep-07	120	1.410	86	0.080	1192	1.387	87
45	SAG-HFS-101	Sabarmati Ashram Gaushala, Bidaj	21-Sep-05	108	1.590	84	-0.030	997	-0.504	86
46	SAG-HFS-46	Sabarmati Ashram Gaushala, Bidaj	20-May-03	188	2.053	90	0.079	1854	2.820	91
47	SAG-HFS-145	Sabarmati Ashram Gaushala, Bidaj	28-Aug-10	86	2.707	81	0.167	787	4.039	84
48	SAG-HFS-124	Sabarmati Ashram Gaushala, Bidaj	21-Oct-05	136	2.886	87	-0.055	1386	4.539	88
49	SAG-HFS-147	Sabarmati Ashram Gaushala, Bidaj	18-Dec-10	80	3.085	79	0.041	681	2.536	82
50	SAG-HFG-15	Sabarmati Ashram Gaushala, Bidaj	27-Jul-08	125	3.097	86	0.011	1221	4.938	88
51	SAG-HFS-134	Sabarmati Ashram Gaushala, Bidaj	1-May-08	125	3.190	86	0.054	1199	3.578	88
52	SAG-HFS-130	Sabarmati Ashram Gaushala, Bidaj	5-Jun-05	113	3.545	85	0.070	1116	3.151	86
53	SAG-HFS-141	Sabarmati Ashram Gaushala, Bidaj	11-Mar-08	83	3.600	81	-0.182	769	4.684	83
54	ABC-CB-417	Animal Breeding Centre, Salon	2-Aug-09	94	3.639	83	0.125	909	4.561	84
55	SAG-HFS-84	Sabarmati Ashram Gaushala, Bidaj	24-Dec-03	120	4.593	85	-0.062	1095	3.904	88
56	SAG-HFG-20	Sabarmati Ashram Gaushala, Bidaj	1-Sep-10	60	4.605	76	0.051	532	8.912	78
57	SAG-HFS-125	Sabarmati Ashram Gaushala, Bidaj	20-May-06	95	4.746	84	-0.006	914	5.539	87
58	SAG-HFS-98	Sabarmati Ashram Gaushala, Bidaj	7-Sep-05	107	4.892	84	-0.127	1006	3.557	87
59	ABC-CB-379	Animal Breeding Centre, Salon	13-May-07	43	5.056	70	0.047	357	9.291	74
60	SAG-HFS-117	Sabarmati Ashram Gaushala, Bidaj	9-Aug-06	178	5.208	90	-0.124	1747	3.101	91
61	SAG-HFS-94	Sabarmati Ashram Gaushala, Bidaj	4-Jan-04	100	5.357	83	-0.070	907	6.824	85
62	SAG-HFS-70	Sabarmati Ashram Gaushala, Bidaj	8-Jul-03	135	6.111	87	-0.002	1323	9.023	88
63	SAG-HFS-86	Sabarmati Ashram Gaushala, Bidaj	11-Aug-04	110	7.372	84	-0.124	1032	6.601	86
64	SAG-HFS-121	Sabarmati Ashram Gaushala, Bidaj	26-Mar-07	134	8.031	87	-0.052	1343	7.475	89
65	ABC-CB-454	Animal Breeding Centre, Salon	23-Mar-09	76	8.314	79	0.156	680	6.830	81
66	SAG-HFS-100	Sabarmati Ashram Gaushala, Bidaj	26-Jul-05	76	8.673	80	0.105	742	15.922	83

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67	SAG-HFS-144	Sabarmati Ashram Gaushala, Bidaj	1-Jan-10	99	9.519	83	0.006	854	8.465	85
68	SAG-HFS-128	Sabarmati Ashram Gaushala, Bidaj	15-Jan-08	76	9.526	80	0.023	705	9.181	80
69	SAG-HFS-151	Sabarmati Ashram Gaushala, Bidaj	24-Mar-11	70	9.643	77	0.012	591	9.643	80
70	SAG-HFS-123	Sabarmati Ashram Gaushala, Bidaj	1-Jan-06	138	10.810	87	-0.002	1399	14.539	88
71	SAG-HFG-23	Sabarmati Ashram Gaushala, Bidaj	17-Feb-10	58	11.544	74	0.093	517	13.995	79
72	SAG-HFS-108	Sabarmati Ashram Gaushala, Bidaj	7-Feb-05	124	11.885	86	-0.022	1230	16.158	88
73	SAG-HFK-11	Sabarmati Ashram Gaushala, Bidaj	6-Sep-04	129	11.903	86	-0.009	1171	15.173	88
74	SAG-HFS-149	Sabarmati Ashram Gaushala, Bidaj	23-Jan-11	76	12.518	79	0.004	694	13.498	82
75	SAG-HFS-146	Sabarmati Ashram Gaushala, Bidaj	16-Sep-09	59	12.968	75	-0.049	567	15.927	79
76	SAG-HFS-87	Sabarmati Ashram Gaushala, Bidaj	19-May-04	79	13.297	80	-0.072	746	15.031	82
77	SAG-HFS-131	Sabarmati Ashram Gaushala, Bidaj	2-Mar-08	53	13.456	72	-0.054	448	23.653	76
78	SAG-HFS-80	Sabarmati Ashram Gaushala, Bidaj	15-Jun-04	128	13.845	85	-0.088	1141	14.368	88
79	SAG-HFS-85	Sabarmati Ashram Gaushala, Bidaj	18-Jan-04	76	13.900	80	0.013	738	13.222	83
80	SAG-HFS-79	Sabarmati Ashram Gaushala, Bidaj	28-Feb-04	80	14.670	81	-0.129	753	17.288	83
81	SAG-HFG-16	Sabarmati Ashram Gaushala, Bidaj	17-Dec-08	119	16.717	86	0.149	1171	19.556	87
82	SAG-HFS-102	Sabarmati Ashram Gaushala, Bidaj	13-Feb-05	61	18.016	76	0.028	565	19.378	82
83	SAG-HFS-66	Sabarmati Ashram Gaushala, Bidaj	19-Sep-03	93	18.558	83	-0.063	895	17.845	85
84	SAG-HFS-83	Sabarmati Ashram Gaushala, Bidaj	21-Dec-03	113	21.073	85	-0.121	1046	25.607	87
85	SAG-HFS-95	Sabarmati Ashram Gaushala, Bidaj	7-May-05	97	21.208	83	0.020	908	26.179	85
86	SAG-HFS-120	Sabarmati Ashram Gaushala, Bidaj	26-Sep-06	109	23.717	85	-0.019	1090	29.532	86
87	SAG-BRIJESH	Sabarmati Ashram Gaushala, Bidaj	6-Nov-94	NA	NA	NA	NA	NA	33.373	31
88	SAG-HFS-48	Sabarmati Ashram Gaushala, Bidaj	30-Dec-02	NA	NA	NA	NA	NA	25.387	66
89	SAG-MAHA	Sabarmati Ashram Gaushala, Bidaj	12-Jul-95	NA	NA	NA	NA	NA	19.934	37
90	SAG-HFS-133	Sabarmati Ashram Gaushala, Bidaj	25-Jan-09	NA	NA	NA	NA	NA	19.341	33

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91	ABC-CB-244	Animal Breeding Centre, Salon	23-Jan-05	NA	NA	NA	NA	NA	18.517	67
92	SAG-HFS-74	Sabarmati Ashram Gaushala, Bidaj	26-Aug-03	NA	NA	NA	NA	NA	18.163	56
93	ABC-CB-561	Animal Breeding Centre, Salon	20-Dec-09	NA	NA	NA	NA	NA	14.298	27
94	ABC-CB-477	Animal Breeding Centre, Salon	12-Mar-10	NA	NA	NA	NA	NA	14.080	69
95	SAG-NEHAL	Sabarmati Ashram Gaushala, Bidaj	16-Dec-93	NA	NA	NA	NA	NA	12.050	16
96	SAG-HFG-25	Sabarmati Ashram Gaushala, Bidaj	14-Jun-11	NA	NA	NA	NA	NA	11.917	69
97	DSU-CBHF-02	Dama Semen Production Unit	NA	NA	NA	NA	NA	NA	11.732	21
98	SAG-HFG-04	Sabarmati Ashram Gaushala, Bidaj	2-Oct-02	NA	NA	NA	NA	NA	10.111	72
99	SAG-HFK-23	Sabarmati Ashram Gaushala, Bidaj	10-Jan-09	NA	NA	NA	NA	NA	9.937	26
100	SAG-HFS-25	Sabarmati Ashram Gaushala, Bidaj	25-Jan-00	NA	NA	NA	NA	NA	7.837	61
101	ABC-CB-340	Animal Breeding Centre, Salon	3-Aug-08	NA	NA	NA	NA	NA	7.547	74
102	DSU-CBHF-9	Dama Semen Production Unit	10-Apr-10	NA	NA	NA	NA	NA	6.749	67
103	SAG-HFS-56	Sabarmati Ashram Gaushala, Bidaj	26-May-03	NA	NA	NA	NA	NA	6.720	54
104	DUR-HKN-184	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	6.405	17
105	SAG-HFG-508	Sabarmati Ashram Gaushala, Bidaj	24-Apr-12	NA	NA	NA	NA	NA	5.271	26
106	SAG-HFS-69	Sabarmati Ashram Gaushala, Bidaj	22-Oct-02	NA	NA	NA	NA	NA	5.185	69
107	SAG-HFS-32	Sabarmati Ashram Gaushala, Bidaj	17-Jun-01	NA	NA	NA	NA	NA	4.634	55
108	SAG-HFS-602	Sabarmati Ashram Gaushala, Bidaj	7-Sep-11	NA	NA	NA	NA	NA	4.253	25
109	SAG-HFS-610	Sabarmati Ashram Gaushala, Bidaj	21-Oct-11	NA	NA	NA	NA	NA	3.109	20
110	SAG-HFS-65	Sabarmati Ashram Gaushala, Bidaj	8-Jul-03	NA	NA	NA	NA	NA	3.012	74
111	SAG-HFS-24	Sabarmati Ashram Gaushala, Bidaj	17-Dec-99	NA	NA	NA	NA	NA	2.731	51
112	SAG-HFG-502	Sabarmati Ashram Gaushala, Bidaj	15-May-12	NA	NA	NA	NA	NA	2.642	17
113	SAG-HFS-81	Sabarmati Ashram Gaushala, Bidaj	24-Nov-03	NA	NA	NA	NA	NA	2.006	72

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114	SAG-HFS-17	Sabarmati Ashram Gaushala, Bidaj	27-Nov-98	NA	NA	NA	NA	NA	1.841	34
115	SAG-HFS-28	Sabarmati Ashram Gaushala, Bidaj	19-Sep-00	NA	NA	NA	NA	NA	1.840	68
116	SAG-HFK-16	Sabarmati Ashram Gaushala, Bidaj	15-May-08	NA	NA	NA	NA	NA	1.587	33
117	SAG-HFS-45	Sabarmati Ashram Gaushala, Bidaj	23-Dec-00	NA	NA	NA	NA	NA	1.292	70
118	SAG-BIKU	Sabarmati Ashram Gaushala, Bidaj	4-May-97	NA	NA	NA	NA	NA	0.858	40
119	SAG-HFS-21	Sabarmati Ashram Gaushala, Bidaj	1-Jun-99	NA	NA	NA	NA	NA	0.847	48
120	ABC-CB-528	Animal Breeding Centre, Salon	9-Jul-10	NA	NA	NA	NA	NA	0.738	50
121	SAG-HFG-505	Sabarmati Ashram Gaushala, Bidaj	12-Jan-12	NA	NA	NA	NA	NA	0.498	21
122	SAG-HFG-506	Sabarmati Ashram Gaushala, Bidaj	12-Aug-12	NA	NA	NA	NA	NA	0.074	18
123	DUR-HKN-194	Pashu Sanvardhan Kendra, Jaqudan	NA	NA	NA	NA	NA	NA	0.055	15
124	SAG-HFS-605	Sabarmati Ashram Gaushala, Bidaj	18-Dec-11	NA	NA	NA	NA	NA	0.000	8
125	ABC-CB-485	Animal Breeding Centre, Salon	2-Oct-10	NA	NA	NA	NA	NA	-0.594	44
126	SAG-HFS-609	Sabarmati Ashram Gaushala, Bidaj	13-Aug-12	NA	NA	NA	NA	NA	-0.606	29
127	SAG-HFS-148	Sabarmati Ashram Gaushala, Bidaj	8-Nov-11	NA	NA	NA	NA	NA	-1.192	68
128	SAG-HFS-64	Sabarmati Ashram Gaushala, Bidaj	10-Apr-03	NA	NA	NA	NA	NA	-1.208	66
129	SAG-HFS-607	Sabarmati Ashram Gaushala, Bidaj	20-Feb-12	NA	NA	NA	NA	NA	-1.314	58
130	SAG-HFS-20	Sabarmati Ashram Gaushala, Bidaj	3-May-98	NA	NA	NA	NA	NA	-1.523	48
131	SAG-HFS-10	Sabarmati Ashram Gaushala, Bidaj	4-Jul-98	NA	NA	NA	NA	NA	-1.538	40
132	SAG-HFK-27	Sabarmati Ashram Gaushala, Bidaj	24-Sep-11	NA	NA	NA	NA	NA	-1.589	26
133	DSU-CBHF-06	Dama Semen Production Unit	NA	NA	NA	NA	NA	NA	-1.692	25
134	SAG-Janak	Sabarmati Ashram Gaushala, Bidaj	15-Aug-89	NA	NA	NA	NA	NA	-1.790	69
135	SAG-HFS-601	Sabarmati Ashram Gaushala, Bidaj	29-Dec-10	NA	NA	NA	NA	NA	-1.955	27
136	SAG-HFS-55	Sabarmati Ashram Gaushala, Bidaj	24-Dec-02	NA	NA	NA	NA	NA	-2.069	65

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137	SAG-HFS-68	Sabarmati Ashram Gaushala, Bidaj	28-Mar-03	NA	NA	NA	NA	NA	-2.340	70
138	SAG-HFS-611	Sabarmati Ashram Gaushala, Bidaj	11-Sep-12	NA	NA	NA	NA	NA	-2.452	23
139	DSU-CBHF-08	Dama Semen Production Unit	NA	NA	NA	NA	NA	NA	-2.602	28
140	SAG-HFS-22	Sabarmati Ashram Gaushala, Bidaj	6-Feb-01	NA	NA	NA	NA	NA	-2.798	51
141	SAG-BOTHAM	Sabarmati Ashram Gaushala, Bidaj	6-Oct-97	NA	NA	NA	NA	NA	-2.916	53
142	DSU-CBHF-18	Dama Semen Production Unit	10/25/2011	NA	NA	NA	NA	NA	-3.069	26
143	SAG-HARDIK	Sabarmati Ashram Gaushala, Bidaj	17-Feb-93	NA	NA	NA	NA	NA	-3.457	40
144	DUR-HKN-216	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-3.477	13
145	DUR-HKN-190	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-3.519	25
146	DSU-CBHF-10	Dama Semen Production Unit	11-Apr-09	NA	NA	NA	NA	NA	-3.560	50
147	SAG-HFS-612	Sabarmati Ashram Gaushala, Bidaj	4-Aug-12	NA	NA	NA	NA	NA	-3.620	24
148	SAG-HFS-39	Sabarmati Ashram Gaushala, Bidaj	8-Aug-02	NA	NA	NA	NA	NA	-3.706	61
149	SAG-HFS-603	Sabarmati Ashram Gaushala, Bidaj	14-Jan-12	NA	NA	NA	NA	NA	-3.772	26
150	SAG-HFS-03	Sabarmati Ashram Gaushala, Bidaj	7-Aug-97	NA	NA	NA	NA	NA	-4.419	46
151	DSU-CBHF-16	Dama Semen Production Unit	1/5/2012	NA	NA	NA	NA	NA	-4.464	22
152	DUR-HKN-211	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-4.626	22
153	SAG-HFG-26	Sabarmati Ashram Gaushala, Bidaj	14-Oct-11	NA	NA	NA	NA	NA	-4.786	25
154	SAG-BIKEN	Sabarmati Ashram Gaushala, Bidaj	6-Apr-95	NA	NA	NA	NA	NA	-5.105	45
155	ABC-CB-364	Animal Breeding Centre, Salon	5-Mar-07	NA	NA	NA	NA	NA	-5.132	20
156	SAG-HFS-154	Sabarmati Ashram Gaushala, Bidaj	21-Apr-12	NA	NA	NA	NA	NA	-5.256	51
157	SAG-HIMMAT	Sabarmati Ashram Gaushala, Bidaj	12-Oct-88	NA	NA	NA	NA	NA	-6.033	30
158	DUR-HKN-218	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-6.088	23

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159	DSU-CBHF-13	Dama Semen Production Unit	25-Aug-10	NA	NA	NA	NA	NA	-7.085	64
160	DSU-CBHF-17	Dama Semen Production Unit	NA	NA	NA	NA	NA	NA	-7.179	22
161	DUR-HKN-213	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-8.433	22
162	SAG-BRAMHA	Sabarmati Ashram Gaushala, Bidaj	20-Jun-96	NA	NA	NA	NA	NA	-10.943	42
163	ABC-CB-480	Animal Breeding Centre, Salon	22-May-10	NA	NA	NA	NA	NA	-11.165	68
164	SAG-BILLU	Sabarmati Ashram Gaushala, Bidaj	18-Jul-97	NA	NA	NA	NA	NA	-12.118	51
165	SAG-HFS-155	Sabarmati Ashram Gaushala, Bidaj	2-Sep-11	NA	NA	NA	NA	NA	-15.695	25

Trait : 305 Day Protein Yield
Species : Cattle
Breed: Holstein Crossbred
Date of estimation: 30-Sep-18

SN	Bull Name	Semen Station (source)	Date of Birth	No. of daughter used in analysis	Breeding value Protein Yield	Reliability (%)	Breeding value Protein %	No. of test day records used	Genomic Breeding value (GEBV)	Reliability GEBV (%)
1	SAG-HFG-16	Sabarmati Ashram Gaushala, Bidaj	17-Dec-08	119	18.458	86	-0.018	1159	21.251	89
2	SAG-HFS-95	Sabarmati Ashram Gaushala, Bidaj	7-May-05	86	18.115	81	-0.001	712	22.874	86
3	SAG-HFS-120	Sabarmati Ashram Gaushala, Bidaj	26-Sep-06	108	16.497	85	0.080	1030	21.150	88
4	SAG-HFS-83	Sabarmati Ashram Gaushala, Bidaj	21-Dec-03	93	15.326	82	-0.033	785	18.218	87
5	SAG-HFS-102	Sabarmati Ashram Gaushala, Bidaj	13-Feb-05	61	14.780	76	0.027	564	16.501	84
6	SAG-HFS-87	Sabarmati Ashram Gaushala, Bidaj	19-May-04	62	13.377	77	-0.138	505	12.487	82
7	SAG-HFS-79	Sabarmati Ashram Gaushala, Bidaj	28-Feb-04	62	13.167	77	-0.141	539	13.412	82
8	SAG-HFS-66	Sabarmati Ashram Gaushala, Bidaj	19-Sep-03	81	12.510	81	0.039	675	9.938	86
9	SAG-HFS-85	Sabarmati Ashram Gaushala, Bidaj	18-Jan-04	62	11.753	76	0.003	529	10.434	83
10	SAG-HFS-80	Sabarmati Ashram Gaushala, Bidaj	15-Jun-04	97	10.823	82	-0.051	777	11.737	87
11	SAG-HFK-11	Sabarmati Ashram Gaushala, Bidaj	6-Sep-04	96	10.805	82	-0.039	801	14.273	87
12	SAG-HFG-23	Sabarmati Ashram Gaushala, Bidaj	17-Feb-10	58	10.655	75	0.041	517	11.821	82
13	SAG-HFS-146	Sabarmati Ashram Gaushala, Bidaj	16-Sep-09	58	9.698	75	-0.006	556	11.125	82
14	SAG-HFS-123	Sabarmati Ashram Gaushala, Bidaj	1-Jan-06	138	9.145	87	-0.008	1348	11.415	90
15	SAG-HFS-149	Sabarmati Ashram Gaushala, Bidaj	23-Jan-11	76	8.787	80	0.055	694	9.573	85
16	ABC-CB-454	Animal Breeding Centre, Salon	23-Mar-09	76	8.374	79	0.080	680	6.900	84
17	SAG-HFS-131	Sabarmati Ashram Gaushala, Bidaj	2-Mar-08	53	8.167	73	0.054	448	16.988	80
18	SAG-HFS-128	Sabarmati Ashram Gaushala, Bidaj	15-Jan-08	76	8.076	80	0.013	705	8.085	83
19	SAG-HFS-70	Sabarmati Ashram Gaushala, Bidaj	8-Jul-03	128	7.685	86	-0.093	1186	9.442	89
20	SAG-HFS-121	Sabarmati Ashram Gaushala, Bidaj	26-Mar-07	134	7.649	87	-0.077	1278	7.030	91
21	SAG-HFS-100	Sabarmati Ashram Gaushala, Bidaj	26-Jul-05	67	7.560	78	0.075	553	11.591	84

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22	SAG-HFS-98	Sabarmati Ashram Gaushala, Bidaj	7-Sep-05	84	7.487	80	-0.229	716	6.239	86
23	SAG-HFS-108	Sabarmati Ashram Gaushala, Bidaj	7-Feb-05	118	7.205	85	0.069	1033	10.069	89
24	SAG-HFS-144	Sabarmati Ashram Gaushala, Bidaj	1-Jan-10	99	6.542	83	0.050	854	5.897	87
25	SAG-HFS-130	Sabarmati Ashram Gaushala, Bidaj	5-Jun-05	112	6.273	85	-0.058	1052	5.298	88
26	SAG-HFS-151	Sabarmati Ashram Gaushala, Bidaj	24-Mar-11	70	5.822	77	0.083	591	5.698	83
27	SAG-HFS-125	Sabarmati Ashram Gaushala, Bidaj	20-May-06	95	4.934	83	-0.041	896	5.664	89
28	ABC-CB-417	Animal Breeding Centre, Salon	2-Aug-09	94	4.663	83	0.046	909	4.774	86
29	SAG-HFS-86	Sabarmati Ashram Gaushala, Bidaj	11-Aug-04	99	4.034	83	-0.030	854	2.292	87
30	SAG-HFG-15	Sabarmati Ashram Gaushala, Bidaj	27-Jul-08	125	3.891	86	-0.038	1210	6.000	90
31	SAG-HFS-122	Sabarmati Ashram Gaushala, Bidaj	11-Sep-07	120	3.690	86	-0.023	1130	4.882	89
32	SAG-HFS-117	Sabarmati Ashram Gaushala, Bidaj	9-Aug-06	178	3.138	89	-0.060	1710	0.453	92
33	SAG-HFS-145	Sabarmati Ashram Gaushala, Bidaj	28-Aug-10	86	2.741	81	0.121	787	3.283	86
34	SAG-HFS-91	Sabarmati Ashram Gaushala, Bidaj	17-Oct-04	80	2.706	80	-0.144	690	-0.367	86
35	SAG-HFS-46	Sabarmati Ashram Gaushala, Bidaj	20-May-03	188	2.632	90	0.033	1849	2.840	92
36	SAG-HFS-141	Sabarmati Ashram Gaushala, Bidaj	11-Mar-08	82	2.622	81	-0.137	758	1.562	85
37	SAG-HFG-22	Sabarmati Ashram Gaushala, Bidaj	17-Jun-10	140	2.573	87	0.075	1292	4.051	90
38	SAG-HFS-101	Sabarmati Ashram Gaushala, Bidaj	21-Sep-05	92	2.496	82	-0.068	771	0.333	87
39	SAG-HFS-124	Sabarmati Ashram Gaushala, Bidaj	21-Oct-05	136	2.282	87	-0.042	1333	2.908	90
40	SAG-HFG-20	Sabarmati Ashram Gaushala, Bidaj	1-Sep-10	60	2.233	76	0.097	532	6.064	82
41	SAG-HFS-147	Sabarmati Ashram Gaushala, Bidaj	18-Dec-10	80	2.018	79	0.053	681	1.819	85
42	ABC-CB-379	Animal Breeding Centre, Salon	13-May-07	43	1.950	71	0.116	357	4.059	78
43	SAG-HFS-84	Sabarmati Ashram Gaushala, Bidaj	24-Dec-03	87	1.910	80	0.016	713	0.175	87
44	SAG-HFS-132	Sabarmati Ashram Gaushala, Bidaj	19-Feb-08	108	1.726	84	0.008	1067	-1.143	88
45	SAG-HFS-94	Sabarmati Ashram Gaushala, Bidaj	4-Jan-04	80	1.545	79	0.045	642	2.617	85
46	SAG-HFS-134	Sabarmati Ashram Gaushala, Bidaj	1-May-08	125	1.474	86	0.085	1199	1.786	90
47	SAG-HFG-13	Sabarmati Ashram Gaushala, Bidaj	22-Mar-07	139	0.897	87	0.023	1339	1.752	90

SN	Bull Name	Semen Station (source)	Date of Birth	No. of daughter used in analysis	Breeding value Protein Yield	Reliability (%)	Breeding value Protein %	No. of test day records used	Genomic Breeding value (GEBV)	Reliability GEBV (%)
48	SAG-HFS-129	Sabarmati Ashram Gaushala, Bidaj	4-Nov-07	99	0.363	83	-0.068	925	-1.596	89
49	SAG-HFK-22	Sabarmati Ashram Gaushala, Bidaj	10-Jul-09	145	0.140	88	-0.027	1429	1.778	91
50	SAG-HFS-36	Sabarmati Ashram Gaushala, Bidaj	21-Jan-02	111	-0.048	84	-0.052	1030	3.523	89
51	SAG-HFG-5	Sabarmati Ashram Gaushala, Bidaj	9-May-03	85	-0.287	81	-0.105	677	2.076	88
52	SAG-HFS-116	Sabarmati Ashram Gaushala, Bidaj	24-Apr-06	90	-0.565	82	0.000	836	0.200	87
53	SAG-HFS-113	Sabarmati Ashram Gaushala, Bidaj	8-Sep-05	105	-0.667	84	-0.036	1053	-1.839	90
54	ABC-CB-362	Animal Breeding Centre, Salon	1-Oct-08	94	-0.891	82	0.018	893	0.749	86
55	SAG-HFG-19	Sabarmati Ashram Gaushala, Bidaj	21-Jul-09	83	-0.936	80	0.053	760	-0.081	85
56	SAG-HFS-137	Sabarmati Ashram Gaushala, Bidaj	3-Dec-07	91	-0.975	82	0.116	859	1.130	86
57	ABC-CB-434	Animal Breeding Centre, Salon	30-Jan-09	105	-1.253	84	0.007	995	-1.526	88
58	ABC-CB-183	Animal Breeding Centre, Salon	3-Jul-03	104	-1.282	83	0.046	935	-1.788	88
59	SAG-HFG-12	Sabarmati Ashram Gaushala, Bidaj	10-Jun-07	157	-2.032	88	-0.073	1512	-2.764	92
60	SAG-HFK-18	Sabarmati Ashram Gaushala, Bidaj	31-Aug-08	143	-2.886	87	-0.093	1409	-2.286	91
61	SAG-HFS-126	Sabarmati Ashram Gaushala, Bidaj	25-Jul-06	103	-3.075	84	0.040	983	-2.519	88
62	SAG-HFS-138	Sabarmati Ashram Gaushala, Bidaj	16-Dec-08	88	-3.643	82	0.046	864	-1.424	86
63	ABC-CB-230	Animal Breeding Centre, Salon	4-Aug-05	92	-4.647	82	-0.054	823	-6.176	86
64	SAG-HFG-17	Sabarmati Ashram Gaushala, Bidaj	7-Feb-09	130	-4.871	86	-0.011	1279	-4.684	89
65	SAG-HFG-24	Sabarmati Ashram Gaushala, Bidaj	30-May-10	61	-5.107	76	0.157	509	-6.214	82
66	SAG-HFK-13	Sabarmati Ashram Gaushala, Bidaj	17-May-04	110	-5.442	85	-0.076	1038	-8.164	89
67	SAG-HFS-103	Sabarmati Ashram Gaushala, Bidaj	31-Aug-05	110	-5.474	85	-0.090	1053	-10.225	88
68	SAG-HFK-15	Sabarmati Ashram Gaushala, Bidaj	21-Dec-05	116	-5.572	85	-0.095	1095	-6.202	89
69	ABC-CB-330	Animal Breeding Centre, Salon	20-Dec-06	83	-5.916	81	0.042	776	-9.179	86
70	SAG-HFG-10	Sabarmati Ashram Gaushala, Bidaj	16-Sep-07	114	-6.108	85	-0.002	1080	-4.502	88
71	SAG-HFS-115	Sabarmati Ashram Gaushala, Bidaj	15-Feb-06	79	-6.317	80	0.063	719	-7.114	85
72	ABC-CB-353	Animal Breeding Centre, Salon	4-Apr-06	76	-6.574	79	0.100	643	-3.666	85
73	SAG-HFG-14	Sabarmati Ashram Gaushala, Bidaj	13-May-08	172	-6.836	89	-0.090	1691	-6.306	93

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74	SAG-HFK-9	Sabarmati Ashram Gaushala, Bidaj	25-Jan-04	51	-7.078	73	-0.013	414	-8.378	80
75	SAG-HFK-17	Sabarmati Ashram Gaushala, Bidaj	7-Feb-09	116	-7.138	85	-0.048	1140	-7.667	89
76	SAG-HFS-119	Sabarmati Ashram Gaushala, Bidaj	2-Sep-06	106	-7.559	84	-0.069	989	-7.989	88
77	SAG-HFS-140	Sabarmati Ashram Gaushala, Bidaj	28-Jul-09	70	-7.962	79	-0.064	665	-9.962	84
78	SAG-HFK-20	Sabarmati Ashram Gaushala, Bidaj	15-Dec-05	137	-8.374	87	0.020	1295	-7.889	90
79	ABC-CB-418	Animal Breeding Centre, Salon	29-Sep-09	85	-9.155	81	-0.053	813	-11.551	86
80	ABC-CB-314	Animal Breeding Centre, Salon	1-Sep-06	90	-13.292	82	0.114	843	-14.404	86
81	SAG-HFS-127	Sabarmati Ashram Gaushala, Bidaj	3-Apr-06	117	-13.360	85	-0.001	1096	-15.875	88
82	SAG-HFG-11	Sabarmati Ashram Gaushala, Bidaj	10-Oct-07	86	-14.795	81	-0.115	794	-17.344	86
83	SAG-HFK-14	Sabarmati Ashram Gaushala, Bidaj	17-Apr-06	110	-16.313	85	-0.111	1057	-17.197	88
84	SAG-HFS-143	Sabarmati Ashram Gaushala, Bidaj	1-Oct-09	138	-17.855	86	0.054	1233	-20.847	90
85	ABC-CB-453	Animal Breeding Centre, Salon	6-Jan-09	111	-18.111	84	-0.007	1012	-20.449	88
86	SAG-HFG-18	Sabarmati Ashram Gaushala, Bidaj	1-Aug-08	117	-21.325	85	-0.059	1098	-24.243	88
87	SAG-BRIJESH	Sabarmati Ashram Gaushala, Bidaj	11/6/1994	NA	NA	NA	NA	NA	30.309	36
88	SAG-HFS-48	Sabarmati Ashram Gaushala, Bidaj	12/30/2002	NA	NA	NA	NA	NA	24.012	63
89	SAG-MAHA	Sabarmati Ashram Gaushala, Bidaj	7/12/1995	NA	NA	NA	NA	NA	20.860	41
90	SAG-HFS-133	Sabarmati Ashram Gaushala, Bidaj	1/25/2009	NA	NA	NA	NA	NA	16.747	37
91	ABC-CB-244	Animal Breeding Centre, Salon	1/23/2005	NA	NA	NA	NA	NA	16.708	72
92	SAG-HFS-74	Sabarmati Ashram Gaushala, Bidaj	8/26/2003	NA	NA	NA	NA	NA	15.966	49
93	SAG-HFG-04	Sabarmati Ashram Gaushala, Bidaj	10/2/2002	NA	NA	NA	NA	NA	13.229	62
94	ABC-CB-561	Animal Breeding Centre, Salon	12/20/2009	NA	NA	NA	NA	NA	12.440	33
95	DSU-CBHF-02	Dama Semen Production Unit	NA	NA	NA	NA	NA	NA	12.187	25
96	SAG-HFS-25	Sabarmati Ashram Gaushala, Bidaj	1/25/2000	NA	NA	NA	NA	NA	11.977	61
97	SAG-NEHAL	Sabarmati Ashram Gaushala, Bidaj	12/16/1993	NA	NA	NA	NA	NA	11.587	20
98	SAG-HFS-69	Sabarmati Ashram Gaushala, Bidaj	10/22/2002	NA	NA	NA	NA	NA	11.023	55
99	ABC-CB-477	Animal Breeding Centre, Salon	3/12/2010	NA	NA	NA	NA	NA	10.605	73

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100	SAG-HFG-25	Sabarmati Ashram Gaushala, Bidaj	6/14/2011	NA	NA	NA	NA	NA	10.169	73
101	SAG-HFK-23	Sabarmati Ashram Gaushala, Bidaj	1/10/2009	NA	NA	NA	NA	NA	9.403	30
102	SAG-HFG-508	Sabarmati Ashram Gaushala, Bidaj	4/24/2012	NA	NA	NA	NA	NA	8.545	30
103	DUR-HKN-184	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	7.953	22
104	SAG-HFS-68	Sabarmati Ashram Gaushala, Bidaj	3/28/2003	NA	NA	NA	NA	NA	7.710	58
105	ABC-CB-340	Animal Breeding Centre, Salon	8/3/2008	NA	NA	NA	NA	NA	6.402	78
106	SAG-HFS-22	Sabarmati Ashram Gaushala, Bidaj	2/6/2001	NA	NA	NA	NA	NA	6.254	48
107	SAG-HFS-602	Sabarmati Ashram Gaushala, Bidaj	9/7/2011	NA	NA	NA	NA	NA	5.994	29
108	SAG-HFS-56	Sabarmati Ashram Gaushala, Bidaj	5/26/2003	NA	NA	NA	NA	NA	5.597	40
109	SAG-HFS-21	Sabarmati Ashram Gaushala, Bidaj	6/1/1999	NA	NA	NA	NA	NA	4.550	52
110	SAG-HFS-32	Sabarmati Ashram Gaushala, Bidaj	6/17/2001	NA	NA	NA	NA	NA	4.045	49
111	SAG-HFS-601	Sabarmati Ashram Gaushala, Bidaj	12/29/2010	NA	NA	NA	NA	NA	3.579	32
112	SAG-HFS-65	Sabarmati Ashram Gaushala, Bidaj	7/8/2003	NA	NA	NA	NA	NA	3.496	60
113	SAG-HFG-502	Sabarmati Ashram Gaushala, Bidaj	5/15/2012	NA	NA	NA	NA	NA	3.360	22
114	SAG-HFS-17	Sabarmati Ashram Gaushala, Bidaj	11/27/1998	NA	NA	NA	NA	NA	3.150	38
115	SAG-HFS-45	Sabarmati Ashram Gaushala, Bidaj	12/23/2000	NA	NA	NA	NA	NA	3.124	51
116	SAG-HFS-81	Sabarmati Ashram Gaushala, Bidaj	11/24/2003	NA	NA	NA	NA	NA	3.023	69
117	SAG-BIKU	Sabarmati Ashram Gaushala, Bidaj	5/4/1997	NA	NA	NA	NA	NA	2.431	41
118	SAG-HFS-610	Sabarmati Ashram Gaushala, Bidaj	10/21/2011	NA	NA	NA	NA	NA	2.225	24
119	SAG-HFS-03	Sabarmati Ashram Gaushala, Bidaj	8/7/1997	NA	NA	NA	NA	NA	1.681	49
120	DSU-CBHF-9	Dama Semen Production Unit	4/10/2010	NA	NA	NA	NA	NA	1.536	72
121	SAG-HFG-505	Sabarmati Ashram Gaushala, Bidaj	1/12/2012	NA	NA	NA	NA	NA	1.322	26
122	SAG-HFK-16	Sabarmati Ashram Gaushala, Bidaj	5/15/2008	NA	NA	NA	NA	NA	1.292	37
123	DUR-HKN-194	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	0.717	19
124	ABC-CB-485	Animal Breeding Centre, Salon	10/2/2010	NA	NA	NA	NA	NA	0.679	49
125	SAG-Janak	Sabarmati Ashram Gaushala, Bidaj	8/15/1989	NA	NA	NA	NA	NA	0.568	67

SN	Bull Name	Semen Station (source)	Date of Birth	No. of daughter used in analysis	Breeding value Protein Yield	Reliability (%)	Breeding value Protein %	No. of test day records used	Genomic Breeding value (GEBV)	Reliability GEBV (%)
126	SAG-HFS-20	Sabarmati Ashram Gaushala, Bidaj	5/3/1998	NA	NA	NA	NA	NA	0.253	51
127	ABC-CB-528	Animal Breeding Centre, Salon	7/9/2010	NA	NA	NA	NA	NA	0.194	55
128	SAG-HFS-28	Sabarmati Ashram Gaushala, Bidaj	9/19/2000	NA	NA	NA	NA	NA	0.076	69
129	SAG-HFS-605	Sabarmati Ashram Gaushala, Bidaj	12/18/2011	NA	NA	NA	NA	NA	0.000	12
130	SAG-HFS-612	Sabarmati Ashram Gaushala, Bidaj	8/4/2012	NA	NA	NA	NA	NA	-0.155	28
131	SAG-HFS-148	Sabarmati Ashram Gaushala, Bidaj	11/8/2011	NA	NA	NA	NA	NA	-0.159	72
132	SAG-BOTHAM	Sabarmati Ashram Gaushala, Bidaj	10/6/1997	NA	NA	NA	NA	NA	-0.254	54
133	SAG-HFS-607	Sabarmati Ashram Gaushala, Bidaj	2/20/2012	NA	NA	NA	NA	NA	-0.343	62
134	SAG-HFS-609	Sabarmati Ashram Gaushala, Bidaj	8/13/2012	NA	NA	NA	NA	NA	-0.542	33
135	SAG-HFS-64	Sabarmati Ashram Gaushala, Bidaj	4/10/2003	NA	NA	NA	NA	NA	-0.763	55
136	DSU-CBHF-06	Dama Semen Production Unit	NA	NA	NA	NA	NA	NA	-1.116	29
137	DSU-CBHF-10	Dama Semen Production Unit	4/11/2009	NA	NA	NA	NA	NA	-1.381	56
138	SAG-HFS-55	Sabarmati Ashram Gaushala, Bidaj	12/24/2002	NA	NA	NA	NA	NA	-1.497	57
139	SAG-BIKEN	Sabarmati Ashram Gaushala, Bidaj	4/6/1995	NA	NA	NA	NA	NA	-1.553	48
140	SAG-HFS-10	Sabarmati Ashram Gaushala, Bidaj	7/4/1998	NA	NA	NA	NA	NA	-1.633	42
141	SAG-HFK-27	Sabarmati Ashram Gaushala, Bidaj	9/24/2011	NA	NA	NA	NA	NA	-1.663	30
142	DSU-CBHF-08	Dama Semen Production Unit	NA	NA	NA	NA	NA	NA	-1.934	31
143	SAG-HFG-26	Sabarmati Ashram Gaushala, Bidaj	10/14/2011	NA	NA	NA	NA	NA	-1.941	29
144	DSU-CBHF-18	Dama Semen Production Unit	10/25/2011	NA	NA	NA	NA	NA	-2.027	30
145	SAG-HFS-24	Sabarmati Ashram Gaushala, Bidaj	12/17/1999	NA	NA	NA	NA	NA	-2.154	48
146	DUR-HKN-216	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-2.224	18
147	DSU-CBHF-16	Dama Semen Production Unit	1/5/2012	NA	NA	NA	NA	NA	-2.731	26
148	SAG-HFG-506	Sabarmati Ashram Gaushala, Bidaj	8/12/2012	NA	NA	NA	NA	NA	-2.871	22
149	DUR-HKN-190	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-2.946	28
150	SAG-HFS-611	Sabarmati Ashram Gaushala, Bidaj	9/11/2012	NA	NA	NA	NA	NA	-2.986	27
151	DUR-HKN-211	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-3.124	26

SN	Bull Name	Semen Station (source)	Date of Birth	No. of daughter used in analysis	Breeding value Protein Yield	Reliability (%)	Breeding value Protein %	No. of test day records used	Genomic Breeding value (GEBV)	Reliability GEBV (%)
152	SAG-HFS-154	Sabarmati Ashram Gaushala, Bidaj	4/21/2012	NA	NA	NA	NA	NA	-3.657	56
153	SAG-HFS-603	Sabarmati Ashram Gaushala, Bidaj	1/14/2012	NA	NA	NA	NA	NA	-3.770	30
154	SAG-HIMMAT	Sabarmati Ashram Gaushala, Bidaj	10/12/1988	NA	NA	NA	NA	NA	-4.967	34
155	DSU-CBHF-17	Dama Semen Production Unit	NA	NA	NA	NA	NA	NA	-5.187	26
156	DSU-CBHF-13	Dama Semen Production Unit	8/25/2010	NA	NA	NA	NA	NA	-5.406	69
157	SAG-HARDIK	Sabarmati Ashram Gaushala, Bidaj	2/17/1993	NA	NA	NA	NA	NA	-6.523	43
158	DUR-HKN-213	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-6.825	26
159	SAG-HFS-39	Sabarmati Ashram Gaushala, Bidaj	8/8/2002	NA	NA	NA	NA	NA	-6.986	39
160	ABC-CB-364	Animal Breeding Centre, Salon	3/5/2007	NA	NA	NA	NA	NA	-7.046	23
161	DUR-HKN-218	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-7.048	27
162	SAG-BRAMHA	Sabarmati Ashram Gaushala, Bidaj	6/20/1996	NA	NA	NA	NA	NA	-9.259	45
163	SAG-BILLU	Sabarmati Ashram Gaushala, Bidaj	7/18/1997	NA	NA	NA	NA	NA	-10.531	53
164	ABC-CB-480	Animal Breeding Centre, Salon	5/22/2010	NA	NA	NA	NA	NA	-10.927	72
165	SAG-HFS-155	Sabarmati Ashram Gaushala, Bidaj	9/2/2011	NA	NA	NA	NA	NA	-16.391	29

Trait : 305 Day Solid Not Fat (SNF) Yield
Species : Cattle
Breed: Holstein Crossbred
Date of estimation: 30-Sep-18

SN	Bull Name	Semen Station (source)	Date of Birth	No. of daughter used in analysis	Breeding value SNF Yield	Reliability EBV(%)	Breeding value SNF %	No. of test day records used	Genomic Breeding value (GEBV)	Reliability GEBV (%)
1	SAG-HFS-95	Sabarmati Ashram Gaushala, Bidaj	7-May-05	85	51.631	82	-0.158	709	64.617	87
2	SAG-HFS-120	Sabarmati Ashram Gaushala, Bidaj	26-Sep-06	108	50.191	86	-0.033	1030	62.806	89
3	SAG-HFG-16	Sabarmati Ashram Gaushala, Bidaj	17-Dec-08	119	46.262	86	-0.012	1159	53.464	90
4	SAG-HFS-102	Sabarmati Ashram Gaushala, Bidaj	13-Feb-05	61	40.992	77	-0.025	564	44.141	85
5	SAG-HFS-87	Sabarmati Ashram Gaushala, Bidaj	19-May-04	62	38.519	78	-0.494	504	33.140	83
6	SAG-HFS-83	Sabarmati Ashram Gaushala, Bidaj	21-Dec-03	93	36.924	83	-0.008	785	46.450	87
7	SAG-HFG-23	Sabarmati Ashram Gaushala, Bidaj	17-Feb-10	58	31.130	76	-0.017	517	34.940	82
8	SAG-HFS-66	Sabarmati Ashram Gaushala, Bidaj	19-Sep-03	81	29.417	81	0.187	675	22.628	86
9	SAG-HFS-85	Sabarmati Ashram Gaushala, Bidaj	18-Jan-04	62	28.731	77	0.054	529	25.393	83
10	SAG-HFS-149	Sabarmati Ashram Gaushala, Bidaj	23-Jan-11	76	27.276	80	-0.013	694	28.671	85
11	SAG-HFK-11	Sabarmati Ashram Gaushala, Bidaj	6-Sep-04	96	26.584	83	-0.062	801	35.225	88
12	SAG-HFS-146	Sabarmati Ashram Gaushala, Bidaj	16-Sep-09	58	26.577	76	-0.071	556	32.183	82
13	SAG-HFS-131	Sabarmati Ashram Gaushala, Bidaj	2-Mar-08	53	26.249	74	-0.036	448	48.192	80
14	ABC-CB-454	Animal Breeding Centre, Salon	23-Mar-09	76	24.906	80	0.095	680	22.390	84
15	SAG-HFS-108	Sabarmati Ashram Gaushala, Bidaj	7-Feb-05	118	21.913	86	0.064	1033	28.938	89
16	SAG-HFS-128	Sabarmati Ashram Gaushala, Bidaj	15-Jan-08	76	21.900	81	-0.005	705	20.730	83
17	SAG-HFS-123	Sabarmati Ashram Gaushala, Bidaj	1-Jan-06	138	21.816	88	0.036	1348	28.389	90
18	SAG-HFS-100	Sabarmati Ashram Gaushala, Bidaj	26-Jul-05	67	21.180	79	0.133	553	33.461	85

19	SAG-HFS-79	Sabarmati Ashram Gaushala, Bidaj	28-Feb-04	62	21.063	78	0.064	539	28.023	83
20	SAG-HFS-80	Sabarmati Ashram Gaushala, Bidaj	15-Jun-04	97	20.990	83	0.094	777	21.937	87
21	SAG-HFS-144	Sabarmati Ashram Gaushala, Bidaj	1-Jan-10	99	20.223	84	0.013	854	18.292	88
22	SAG-HFS-151	Sabarmati Ashram Gaushala, Bidaj	24-Mar-11	70	18.020	78	0.109	591	17.732	84
23	SAG-HFS-121	Sabarmati Ashram Gaushala, Bidaj	26-Mar-07	134	17.279	88	-0.117	1278	15.866	91
24	ABC-CB-417	Animal Breeding Centre, Salon	2-Aug-09	94	16.523	83	-0.037	909	14.971	87
25	SAG-HFS-70	Sabarmati Ashram Gaushala, Bidaj	8-Jul-03	128	16.007	86	-0.109	1186	20.736	89
26	SAG-HFS-145	Sabarmati Ashram Gaushala, Bidaj	28-Aug-10	86	14.512	82	0.056	787	14.482	86
27	SAG-HFS-125	Sabarmati Ashram Gaushala, Bidaj	20-May-06	95	14.073	84	-0.154	896	16.096	89
28	ABC-CB-379	Animal Breeding Centre, Salon	13-May-07	43	13.779	72	-0.006	357	18.874	79
29	SAG-HFS-130	Sabarmati Ashram Gaushala, Bidaj	5-Jun-05	112	13.516	85	-0.060	1052	10.449	88
30	SAG-HFG-22	Sabarmati Ashram Gaushala, Bidaj	17-Jun-10	140	11.201	87	0.034	1292	15.282	90
31	SAG-HFG-20	Sabarmati Ashram Gaushala, Bidaj	1-Sep-10	60	9.884	77	0.104	532	19.817	82
32	SAG-HFS-134	Sabarmati Ashram Gaushala, Bidaj	1-May-08	125	9.841	87	0.007	1199	10.510	90
33	SAG-HFS-98	Sabarmati Ashram Gaushala, Bidaj	7-Sep-05	84	9.299	81	-0.230	715	8.074	87
34	ABC-CB-340	Animal Breeding Centre, Salon	3-Aug-08	46	9.227	71	0.157	386	19.122	79
35	SAG-HFS-122	Sabarmati Ashram Gaushala, Bidaj	11-Sep-07	120	8.931	86	-0.040	1129	10.912	89
36	SAG-HFS-147	Sabarmati Ashram Gaushala, Bidaj	18-Dec-10	80	8.611	81	0.015	681	8.875	86
37	SAG-HFS-46	Sabarmati Ashram Gaushala, Bidaj	20-May-03	188	7.761	90	0.049	1849	10.506	93
38	SAG-HFS-86	Sabarmati Ashram Gaushala, Bidaj	11-Aug-04	99	7.618	84	0.021	854	4.675	88
39	SAG-HFG-15	Sabarmati Ashram Gaushala, Bidaj	27-Jul-08	125	7.364	87	-0.004	1210	12.698	90
40	SAG-HFS-117	Sabarmati Ashram Gaushala, Bidaj	9-Aug-06	178	5.204	90	-0.052	1710	-0.852	92
41	SAG-HFS-101	Sabarmati Ashram Gaushala, Bidaj	21-Sep-05	92	4.937	83	-0.121	771	-0.570	87
42	SAG-HFS-124	Sabarmati Ashram Gaushala, Bidaj	21-Oct-05	136	4.269	87	-0.049	1332	5.539	90
43	SAG-HFS-137	Sabarmati Ashram Gaushala, Bidaj	3-Dec-07	91	3.884	83	0.070	859	7.742	87
44	SAG-HFS-141	Sabarmati Ashram Gaushala, Bidaj	11-Mar-08	82	3.554	82	-0.235	758	2.672	86
45	SAG-HFS-132	Sabarmati Ashram Gaushala, Bidaj	19-Feb-08	108	3.097	85	0.068	1067	-4.390	88
46	SAG-HFS-91	Sabarmati Ashram Gaushala, Bidaj	17-Oct-04	80	3.077	81	-0.227	690	-3.118	86
47	SAG-HFG-13	Sabarmati Ashram Gaushala, Bidaj	22-Mar-07	139	2.685	88	0.045	1339	5.991	91
48	SAG-HFK-22	Sabarmati Ashram Gaushala, Bidaj	10-Jul-09	145	2.613	88	-0.153	1429	6.475	91

49	SAG-HFS-94	Sabarmati Ashram Gaushala, Bidaj	4-Jan-04	80	2.001	80	0.185	641	2.683	85
50	SAG-HFS-84	Sabarmati Ashram Gaushala, Bidaj	24-Dec-03	87	1.607	81	0.159	713	-3.428	87
51	SAG-HFG-19	Sabarmati Ashram Gaushala, Bidaj	21-Jul-09	83	1.318	81	0.001	760	3.704	86
52	SAG-HFS-116	Sabarmati Ashram Gaushala, Bidaj	24-Apr-06	90	0.752	83	-0.082	836	3.666	87
53	ABC-CB-434	Animal Breeding Centre, Salon	30-Jan-09	105	-1.138	85	-0.058	995	-0.512	88
54	ABC-CB-362	Animal Breeding Centre, Salon	1-Oct-08	94	-1.828	83	0.028	893	2.848	86
55	SAG-HFS-129	Sabarmati Ashram Gaushala, Bidaj	4-Nov-07	99	-1.958	84	-0.066	925	-6.554	89
56	SAG-HFS-36	Sabarmati Ashram Gaushala, Bidaj	21-Jan-02	111	-2.546	85	-0.043	1030	6.112	89
57	SAG-HFG-5	Sabarmati Ashram Gaushala, Bidaj	9-May-03	85	-4.048	82	-0.145	676	0.094	88
58	SAG-HFS-138	Sabarmati Ashram Gaushala, Bidaj	16-Dec-08	88	-4.331	82	-0.072	864	3.623	87
59	ABC-CB-183	Animal Breeding Centre, Salon	3-Jul-03	104	-4.801	84	0.174	935	-5.768	88
60	SAG-HFS-113	Sabarmati Ashram Gaushala, Bidaj	8-Sep-05	105	-5.997	85	0.066	1053	-7.215	90
61	SAG-HFG-12	Sabarmati Ashram Gaushala, Bidaj	10-Jun-07	157	-8.336	89	-0.069	1512	-8.980	92
62	SAG-HFK-18	Sabarmati Ashram Gaushala, Bidaj	31-Aug-08	143	-9.744	88	-0.149	1409	-8.220	91
63	SAG-HFS-126	Sabarmati Ashram Gaushala, Bidaj	25-Jul-06	103	-10.416	85	0.196	983	-8.613	89
64	ABC-CB-353	Animal Breeding Centre, Salon	4-Apr-06	76	-10.421	80	0.010	643	-3.097	85
65	SAG-HFG-17	Sabarmati Ashram Gaushala, Bidaj	7-Feb-09	130	-11.726	87	-0.058	1279	-10.417	90
66	SAG-HFG-24	Sabarmati Ashram Gaushala, Bidaj	30-May-10	61	-12.751	77	0.389	509	-15.747	83
67	ABC-CB-330	Animal Breeding Centre, Salon	20-Dec-06	83	-14.607	82	0.085	776	-22.139	86
68	SAG-HFK-9	Sabarmati Ashram Gaushala, Bidaj	25-Jan-04	51	-14.671	74	-0.171	413	-20.152	80
69	ABC-CB-230	Animal Breeding Centre, Salon	4-Aug-05	92	-15.233	83	-0.009	823	-17.359	87
70	SAG-HFS-103	Sabarmati Ashram Gaushala, Bidaj	31-Aug-05	110	-15.346	85	-0.179	1053	-28.757	88
71	SAG-HFS-115	Sabarmati Ashram Gaushala, Bidaj	15-Feb-06	79	-16.040	81	0.155	719	-15.971	85
72	SAG-HFK-13	Sabarmati Ashram Gaushala, Bidaj	17-May-04	110	-16.641	85	-0.090	1038	-22.135	89
73	SAG-HFG-10	Sabarmati Ashram Gaushala, Bidaj	16-Sep-07	114	-17.564	85	0.068	1080	-11.890	89
74	SAG-HFK-15	Sabarmati Ashram Gaushala, Bidaj	21-Dec-05	116	-18.721	86	-0.068	1095	-18.613	89
75	SAG-HFK-20	Sabarmati Ashram Gaushala, Bidaj	15-Dec-05	137	-20.823	87	0.023	1295	-18.542	90
76	SAG-HFS-119	Sabarmati Ashram Gaushala, Bidaj	2-Sep-06	106	-21.124	85	-0.108	989	-22.248	89
77	SAG-HFK-17	Sabarmati Ashram Gaushala, Bidaj	7-Feb-09	116	-21.179	86	-0.009	1140	-21.403	89
78	SAG-HFG-14	Sabarmati Ashram Gaushala, Bidaj	13-May-08	172	-21.241	90	-0.081	1691	-18.405	93

79	ABC-CB-418	Animal Breeding Centre, Salon	29-Sep-09	85	-23.192	82	-0.150	813	-29.374	86
80	SAG-HFS-140	Sabarmati Ashram Gaushala, Bidaj	28-Jul-09	70	-23.479	80	-0.040	665	-26.891	85
81	ABC-CB-314	Animal Breeding Centre, Salon	1-Sep-06	90	-31.445	83	0.181	843	-33.552	87
82	SAG-HFS-127	Sabarmati Ashram Gaushala, Bidaj	3-Apr-06	117	-35.938	86	0.066	1096	-43.620	89
83	SAG-HFG-11	Sabarmati Ashram Gaushala, Bidaj	10-Oct-07	86	-41.766	82	-0.126	794	-45.695	86
84	ABC-CB-453	Animal Breeding Centre, Salon	6-Jan-09	111	-45.449	85	-0.066	1012	-49.857	89
85	SAG-HFK-14	Sabarmati Ashram Gaushala, Bidaj	17-Apr-06	110	-45.546	85	-0.119	1057	-47.516	89
86	SAG-HFS-143	Sabarmati Ashram Gaushala, Bidaj	1-Oct-09	138	-45.761	87	0.136	1233	-52.731	90
87	SAG-HFG-18	Sabarmati Ashram Gaushala, Bidaj	1-Aug-08	117	-57.638	86	-0.013	1098	-63.562	88
88	SAG-BRIJESH	Sabarmati Ashram Gaushala, Bidaj	6-Nov-94	NA	NA	NA	NA	NA	89.600	37
89	SAG-MAHA	Sabarmati Ashram Gaushala, Bidaj	12-Jul-95	NA	NA	NA	NA	NA	55.477	41
90	ABC-CB-244	Animal Breeding Centre, Salon	23-Jan-05	NA	NA	NA	NA	NA	53.035	73
91	SAG-HFS-48	Sabarmati Ashram Gaushala, Bidaj	30-Dec-02	NA	NA	NA	NA	NA	52.916	64
92	SAG-HFS-133	Sabarmati Ashram Gaushala, Bidaj	25-Jan-09	NA	NA	NA	NA	NA	46.705	38
93	ABC-CB-561	Animal Breeding Centre, Salon	20-Dec-09	NA	NA	NA	NA	NA	44.509	34
94	SAG-HFS-25	Sabarmati Ashram Gaushala, Bidaj	25-Jan-00	NA	NA	NA	NA	NA	35.297	62
95	SAG-HFS-74	Sabarmati Ashram Gaushala, Bidaj	26-Aug-03	NA	NA	NA	NA	NA	34.274	50
96	SAG-NEHAL	Sabarmati Ashram Gaushala, Bidaj	16-Dec-93	NA	NA	NA	NA	NA	32.603	20
97	DSU-CBHF-02	Dama Semen Production Unit	NA	NA	NA	NA	NA	NA	32.218	25
98	ABC-CB-477	Animal Breeding Centre, Salon	12-Mar-10	NA	NA	NA	NA	NA	31.670	74
99	SAG-HFS-69	Sabarmati Ashram Gaushala, Bidaj	22-Oct-02	NA	NA	NA	NA	NA	29.709	56
100	SAG-HFG-04	Sabarmati Ashram Gaushala, Bidaj	2-Oct-02	NA	NA	NA	NA	NA	27.779	62
101	SAG-HFG-25	Sabarmati Ashram Gaushala, Bidaj	14-Jun-11	NA	NA	NA	NA	NA	25.398	74
102	SAG-HFK-23	Sabarmati Ashram Gaushala, Bidaj	10-Jan-09	NA	NA	NA	NA	NA	25.376	30
103	DUR-HKN-184	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	20.066	22
104	SAG-HFG-508	Sabarmati Ashram Gaushala, Bidaj	24-Apr-12	NA	NA	NA	NA	NA	19.824	30
105	SAG-HFS-602	Sabarmati Ashram Gaushala, Bidaj	7-Sep-11	NA	NA	NA	NA	NA	19.282	29
106	SAG-HFS-22	Sabarmati Ashram Gaushala, Bidaj	6-Feb-01	NA	NA	NA	NA	NA	17.330	49
107	SAG-HFS-68	Sabarmati Ashram Gaushala, Bidaj	28-Mar-03	NA	NA	NA	NA	NA	15.161	59

108	SAG-HFS-65	Sabarmati Ashram Gaushala, Bidaj	8-Jul-03	NA	NA	NA	NA	NA	11.099	60
109	SAG-HFG-502	Sabarmati Ashram Gaushala, Bidaj	15-May-12	NA	NA	NA	NA	NA	10.729	22
110	SAG-HFS-21	Sabarmati Ashram Gaushala, Bidaj	1-Jun-99	NA	NA	NA	NA	NA	10.325	53
111	SAG-BIKU	Sabarmati Ashram Gaushala, Bidaj	4-May-97	NA	NA	NA	NA	NA	9.623	41
112	SAG-HFS-56	Sabarmati Ashram Gaushala, Bidaj	26-May-03	NA	NA	NA	NA	NA	8.640	40
113	SAG-HFS-17	Sabarmati Ashram Gaushala, Bidaj	27-Nov-98	NA	NA	NA	NA	NA	8.508	39
114	SAG-HFS-28	Sabarmati Ashram Gaushala, Bidaj	19-Sep-00	NA	NA	NA	NA	NA	7.475	69
115	SAG-HFS-601	Sabarmati Ashram Gaushala, Bidaj	29-Dec-10	NA	NA	NA	NA	NA	7.413	32
116	SAG-HFS-03	Sabarmati Ashram Gaushala, Bidaj	7-Aug-97	NA	NA	NA	NA	NA	6.647	49
117	DSU-CBHF-9	Dama Semen Production Unit	10-Apr-10	NA	NA	NA	NA	NA	5.777	73
118	SAG-HFG-505	Sabarmati Ashram Gaushala, Bidaj	12-Jan-12	NA	NA	NA	NA	NA	5.518	26
119	SAG-HFS-610	Sabarmati Ashram Gaushala, Bidaj	21-Oct-11	NA	NA	NA	NA	NA	4.979	25
120	SAG-HFS-32	Sabarmati Ashram Gaushala, Bidaj	17-Jun-01	NA	NA	NA	NA	NA	4.864	50
121	SAG-HFK-16	Sabarmati Ashram Gaushala, Bidaj	15-May-08	NA	NA	NA	NA	NA	3.782	37
122	DUR-HKN-194	Pashu Sanvardhan Kendra, Jaqudan	NA	NA	NA	NA	NA	NA	3.725	19
123	SAG-HFS-20	Sabarmati Ashram Gaushala, Bidaj	3-May-98	NA	NA	NA	NA	NA	2.901	52
124	SAG-HFS-609	Sabarmati Ashram Gaushala, Bidaj	13-Aug-12	NA	NA	NA	NA	NA	2.471	33
125	ABC-CB-485	Animal Breeding Centre, Salon	2-Oct-10	NA	NA	NA	NA	NA	2.246	50
126	SAG-HFS-81	Sabarmati Ashram Gaushala, Bidaj	24-Nov-03	NA	NA	NA	NA	NA	1.952	70
127	ABC-CB-528	Animal Breeding Centre, Salon	9-Jul-10	NA	NA	NA	NA	NA	0.828	55
128	DSU-CBHF-10	Dama Semen Production Unit	11-Apr-09	NA	NA	NA	NA	NA	0.660	58
129	SAG-BOTHAM	Sabarmati Ashram Gaushala, Bidaj	6-Oct-97	NA	NA	NA	NA	NA	0.217	54
130	SAG-HFS-612	Sabarmati Ashram Gaushala, Bidaj	4-Aug-12	NA	NA	NA	NA	NA	0.109	28
131	SAG-HFS-605	Sabarmati Ashram Gaushala, Bidaj	18-Dec-11	NA	NA	NA	NA	NA	0.000	12
132	SAG-HFS-55	Sabarmati Ashram Gaushala, Bidaj	24-Dec-02	NA	NA	NA	NA	NA	-0.206	57
133	SAG-HFS-45	Sabarmati Ashram Gaushala, Bidaj	23-Dec-00	NA	NA	NA	NA	NA	-0.316	52
134	SAG-HFS-607	Sabarmati Ashram Gaushala, Bidaj	20-Feb-12	NA	NA	NA	NA	NA	-0.727	63
135	SAG-HFS-148	Sabarmati Ashram Gaushala, Bidaj	8-Nov-11	NA	NA	NA	NA	NA	-1.033	73
136	DSU-CBHF-18	Dama Semen Production Unit	25-Oct-11	NA	NA	NA	NA	NA	-1.712	30

137	SAG-Janak	Sabarmati Ashram Gaushala, Bidaj	15-Aug-89	NA	NA	NA	NA	NA	-1.819	68
138	SAG-HFS-64	Sabarmati Ashram Gaushala, Bidaj	10-Apr-03	NA	NA	NA	NA	NA	-1.905	55
139	DSU-CBHF-06	Dama Semen Production Unit	NA	NA	NA	NA	NA	NA	-2.516	29
140	SAG-HFK-27	Sabarmati Ashram Gaushala, Bidaj	24-Sep-11	NA	NA	NA	NA	NA	-3.813	31
141	SAG-HFS-24	Sabarmati Ashram Gaushala, Bidaj	17-Dec-99	NA	NA	NA	NA	NA	-4.024	49
142	SAG-HFS-10	Sabarmati Ashram Gaushala, Bidaj	4-Jul-98	NA	NA	NA	NA	NA	-4.173	43
143	SAG-HFS-611	Sabarmati Ashram Gaushala, Bidaj	11-Sep-12	NA	NA	NA	NA	NA	-4.743	28
144	DSU-CBHF-08	Dama Semen Production Unit	NA	NA	NA	NA	NA	NA	-6.010	32
145	SAG-BIKEN	Sabarmati Ashram Gaushala, Bidaj	6-Apr-95	NA	NA	NA	NA	NA	-6.188	49
146	SAG-HFG-26	Sabarmati Ashram Gaushala, Bidaj	14-Oct-11	NA	NA	NA	NA	NA	-6.231	29
147	DUR-HKN-216	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-6.689	18
148	DUR-HKN-211	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-6.763	26
149	DUR-HKN-190	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-7.017	29
150	DSU-CBHF-16	Dama Semen Production Unit	5-Jan-12	NA	NA	NA	NA	NA	-7.027	26
151	SAG-HFG-506	Sabarmati Ashram Gaushala, Bidaj	12-Aug-12	NA	NA	NA	NA	NA	-8.572	22
152	SAG-HFS-603	Sabarmati Ashram Gaushala, Bidaj	14-Jan-12	NA	NA	NA	NA	NA	-9.825	30
153	SAG-HFS-154	Sabarmati Ashram Gaushala, Bidaj	21-Apr-12	NA	NA	NA	NA	NA	-10.240	57
154	DSU-CBHF-13	Dama Semen Production Unit	25-Aug-10	NA	NA	NA	NA	NA	-11.231	70
155	SAG-HIMMAT	Sabarmati Ashram Gaushala, Bidaj	12-Oct-88	NA	NA	NA	NA	NA	-11.672	34
156	DSU-CBHF-17	Dama Semen Production Unit	NA	NA	NA	NA	NA	NA	-14.246	26
157	SAG-HARDIK	Sabarmati Ashram Gaushala, Bidaj	17-Feb-93	NA	NA	NA	NA	NA	-15.555	44
158	DUR-HKN-218	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-16.089	27
159	DUR-HKN-213	Pashu Sanvardhan Kendra, Jagudan	NA	NA	NA	NA	NA	NA	-17.233	26
160	ABC-CB-364	Animal Breeding Centre, Salon	5-Mar-07	NA	NA	NA	NA	NA	-17.977	24
161	SAG-HFS-39	Sabarmati Ashram Gaushala, Bidaj	8-Aug-02	NA	NA	NA	NA	NA	-18.178	39
162	ABC-CB-480	Animal Breeding Centre, Salon	22-May-10	NA	NA	NA	NA	NA	-19.874	73
163	SAG-BRAMHA	Sabarmati Ashram Gaushala, Bidaj	20-Jun-96	NA	NA	NA	NA	NA	-23.013	45

164	SAG-BILLU	Sabarmati Ashram Gaushala, Bidaj	18-Jul-97	NA	NA	NA	NA	NA	-29.185	53
165	SAG-HFS-155	Sabarmati Ashram Gaushala, Bidaj	2-Sep-11	NA	NA	NA	NA	NA	-37.583	30

Trait : Daughter Pregnancy rate
Species : Cattle
Breed: Holstein Crossbred
Date of estimation: 30-Sep-18

SN	Bull Name	Semen Station (source)	Date of Birth	No. of daughter used in analysis	Avg DPR%	Breeding value Fat Yield	Reliability (%)	No. of records used in analysis
1	SAG-HFK-18	Sabarmati Ashram Gaushala, Bidaj	31-08-2008	109	30	5.70	71.56%	169
2	SAG-HFS-119	Sabarmati Ashram Gaushala, Bidaj	02-09-2006	76	30	5.11	65.99%	131
3	ABC-CB-230	Animal Breeding Centre, Salon	04-08-2005	45	30	4.71	48.53%	59
4	SAG-HFK-13	Sabarmati Ashram Gaushala, Bidaj	17-05-2004	69	29	4.07	62.47%	115
5	SAG-HFG-11	Sabarmati Ashram Gaushala, Bidaj	10-10-2007	52	29	3.75	52.92%	64
6	ABC-CB-362	Animal Breeding Centre, Salon	01-10-2008	60	28	3.61	54.86%	74
7	SAG-HFK-20	Sabarmati Ashram Gaushala, Bidaj	15-12-2005	92	28	3.23	67.67%	141
8	ABC-CB-183	Animal Breeding Centre, Salon	03-07-2003	62	28	3.12	52.81%	70
9	SAG-HFK-14	Sabarmati Ashram Gaushala, Bidaj	17-04-2006	84	28	2.54	65.40%	127
10	SAG-HFS-134	Sabarmati Ashram Gaushala, Bidaj	01-05-2008	74	28	2.51	62.58%	99
11	SAG-HFS-140	Sabarmati Ashram Gaushala, Bidaj	28-07-2009	49	29	2.33	51.76%	57
12	SAG-HFS-116	Sabarmati Ashram Gaushala, Bidaj	24-04-2006	62	28	2.30	60.42%	107
13	SAG-HFS-130	Sabarmati Ashram Gaushala, Bidaj	05-06-2005	88	27	2.02	66.56%	136
14	SAG-HFG-23	Sabarmati Ashram Gaushala, Bidaj	17-02-2010	31	28	1.88	36.64%	35
15	SAG-HFS-91	Sabarmati Ashram Gaushala, Bidaj	17-10-2004	73	27	1.85	64.66%	127
16	ABC-CB-418	Animal Breeding Centre, Salon	29-09-2009	61	26	1.81	52.85%	69
17	SAG-HFS-117	Sabarmati Ashram Gaushala, Bidaj	09-08-2006	127	26	1.58	74.22%	196
18	ABC-CB-453	Animal Breeding Centre, Salon	06-01-2009	55	26	1.42	52.25%	68
19	SAG-HFS-143	Sabarmati Ashram Gaushala, Bidaj	01-10-2009	80	27	1.32	61.71%	99
20	ABC-CB-330	Animal Breeding Centre, Salon	20-12-2006	50	26	1.28	48.05%	54
21	ABC-CB-434	Animal Breeding Centre, Salon	30-01-2009	76	26	1.22	61.45%	95

SN	Bull Name	Semen Station (source)	Date of Birth	No. of daughter used in analysis	Avg DPR%	Breeding value Fat Yield	Reliability (%)	No. of records used in analysis
22	SAG-HFK-22	Sabarmati Ashram Gaushala, Bidaj	10-07-2009	90	26	1.15	62.91%	107
23	SAG-HFG-14	Sabarmati Ashram Gaushala, Bidaj	13-05-2008	126	25	1.04	72.63%	173
24	SAG-HFS-137	Sabarmati Ashram Gaushala, Bidaj	03-12-2007	55	26	1.02	54.24%	76
25	SAG-HFG-24	Sabarmati Ashram Gaushala, Bidaj	30-05-2010	34	27	0.77	40.61%	35
26	SAG-HFG-17	Sabarmati Ashram Gaushala, Bidaj	07-02-2009	78	25	0.75	62.38%	107
27	ABC-CB-340	Animal Breeding Centre, Salon	03-08-2008	35	27	0.70	37.43%	34
28	SAG-HFS-113	Sabarmati Ashram Gaushala, Bidaj	08-09-2005	67	25	0.54	59.10%	94
29	SAG-HFS-125	Sabarmati Ashram Gaushala, Bidaj	20-05-2006	56	26	0.53	58.79%	84
30	ABC-CB-314	Animal Breeding Centre, Salon	01-09-2006	54	26	0.53	51.61%	63
31	SAG-HFK-15	Sabarmati Ashram Gaushala, Bidaj	21-12-2005	71	26	0.43	64.12%	120
32	SAG-HFS-124	Sabarmati Ashram Gaushala, Bidaj	21-10-2005	83	27	0.41	64.89%	118
33	SAG-HFS-129	Sabarmati Ashram Gaushala, Bidaj	04-11-2007	63	26	0.28	60.13%	94
34	SAG-HFS-132	Sabarmati Ashram Gaushala, Bidaj	19-02-2008	81	25	0.22	64.05%	109
35	SAG-HFS-115	Sabarmati Ashram Gaushala, Bidaj	15-02-2006	47	26	0.17	49.15%	61
36	SAG-HFS-36	Sabarmati Ashram Gaushala, Bidaj	21-01-2002	83	26	0.17	64.95%	108
37	SAG-HFS-145	Sabarmati Ashram Gaushala, Bidaj	28-08-2010	38	26	0.09	45.41%	47
38	SAG-HFS-141	Sabarmati Ashram Gaushala, Bidaj	11-03-2008	48	25	-0.07	51.77%	60
39	SAG-HFS-147	Sabarmati Ashram Gaushala, Bidaj	18-12-2010	38	25	-0.14	41.82%	37
40	SAG-HFS-151	Sabarmati Ashram Gaushala, Bidaj	24-03-2011	35	25	-0.22	39.50%	38
41	SAG-HFS-138	Sabarmati Ashram Gaushala, Bidaj	16-12-2008	58	24	-0.27	56.19%	77
42	SAG-HFS-120	Sabarmati Ashram Gaushala, Bidaj	26-09-2006	80	25	-0.33	68.12%	131
43	SAG-HFG-15	Sabarmati Ashram Gaushala, Bidaj	27-07-2008	75	26	-0.38	62.25%	110
44	ABC-CB-353	Animal Breeding Centre, Salon	04-04-2006	40	26	-0.38	45.19%	40
45	SAG-HFG-16	Sabarmati Ashram Gaushala, Bidaj	17-12-2008	80	25	-0.41	63.96%	117
46	SAG-HFS-122	Sabarmati Ashram Gaushala, Bidaj	11-09-2007	70	26	-0.41	62.45%	107
47	SAG-HFS-144	Sabarmati Ashram Gaushala, Bidaj	01-01-2010	41	26	-0.58	46.76%	43

SN	Bull Name	Semen Station (source)	Date of Birth	No. of daughter used in analysis	Avg DPR%	Breeding value Fat Yield	Reliability (%)	No. of records used in analysis
48	SAG-HFS-126	Sabarmati Ashram Gaushala, Bidaj	25-07-2006	80	25	-0.77	66.68%	135
49	SAG-HFG-22	Sabarmati Ashram Gaushala, Bidaj	17-06-2010	68	24	-0.79	57.42%	79
50	SAG-HFS-70	Sabarmati Ashram Gaushala, Bidaj	08-07-2003	88	24	-0.81	69.66%	150
51	SAG-HFG-20	Sabarmati Ashram Gaushala, Bidaj	01-09-2010	38	25	-0.81	43.78%	45
52	SAG-HFS-101	Sabarmati Ashram Gaushala, Bidaj	21-09-2005	81	25	-1.12	67.95%	148
53	SAG-HFG-12	Sabarmati Ashram Gaushala, Bidaj	10-06-2007	116	24	-1.19	71.97%	176
54	SAG-HFK-11	Sabarmati Ashram Gaushala, Bidaj	06-09-2004	85	24	-1.22	69.38%	163
55	SAG-HFS-103	Sabarmati Ashram Gaushala, Bidaj	31-08-2005	83	25	-1.27	66.79%	125
56	SAG-BOSS	Sabarmati Ashram Gaushala, Bidaj	01-08-1997	33	33	-1.39	59.57%	15
57	SAG-HFS-46	Sabarmati Ashram Gaushala, Bidaj	20-05-2003	106	24	-1.66	69.37%	138
58	SAG-JANAK	Sabarmati Ashram Gaushala, Bidaj	15-08-1989	31	25	-1.70	54.79%	47
59	SAG-HFG-13	Sabarmati Ashram Gaushala, Bidaj	22-03-2007	97	23	-1.71	69.73%	156
60	SAG-HFS-149	Sabarmati Ashram Gaushala, Bidaj	23-01-2011	38	23	-1.83	44.54%	41
61	SAG-HFS-80	Sabarmati Ashram Gaushala, Bidaj	15-06-2004	85	24	-1.83	69.82%	164
62	SAG-HFS-128	Sabarmati Ashram Gaushala, Bidaj	15-01-2008	49	23	-2.39	51.01%	66
63	SAG-HFK-09	Sabarmati Ashram Gaushala, Bidaj	25-01-2004	55	23	-2.40	61.03%	102
64	SAG-HFG-18	Sabarmati Ashram Gaushala, Bidaj	01-08-2008	73	21	-2.54	61.82%	91
65	SAG-HFS-87	Sabarmati Ashram Gaushala, Bidaj	19-05-2004	66	24	-2.62	66.36%	135
66	SAG-HFG-05	Sabarmati Ashram Gaushala, Bidaj	09-05-2003	64	22	-2.69	61.01%	107
67	SAG-HFK-17	Sabarmati Ashram Gaushala, Bidaj	07-02-2009	82	23	-2.71	63.67%	115
68	ABC-CB-417	Animal Breeding Centre, Salon	02-08-2009	56	23	-2.73	54.36%	70
69	SAG-HFS-100	Sabarmati Ashram Gaushala, Bidaj	26-07-2005	60	23	-2.75	63.69%	115
70	SAG-HFS-66	Sabarmati Ashram Gaushala, Bidaj	19-09-2003	70	24	-2.85	66.33%	132
71	SAG-HFG-10	Sabarmati Ashram Gaushala, Bidaj	16-09-2007	78	24	-2.85	65.24%	130
72	DSU-CBHF-9	Dama Semen Production Unit	10-04-2010	31	21	-2.88	36.02%	30
73	SAG-HFS-85	Sabarmati Ashram Gaushala, Bidaj	18-01-2004	60	23	-3.31	61.36%	111

SN	Bull Name	Semen Station (source)	Date of Birth	No. of daughter used in analysis	Avg DPR%	Breeding value Fat Yield	Reliability (%)	No. of records used in analysis
74	SAG-HFS-95	Sabarmati Ashram Gaushala, Bidaj	07-05-2005	70	22	-3.84	65.49%	128
75	ABC-CB-454	Animal Breeding Centre, Salon	23-03-2009	45	21	-3.89	46.47%	53
76	SAG-HFS-146	Sabarmati Ashram Gaushala, Bidaj	16-09-2009	36	20	-4.04	39.25%	39
77	SAG-HFS-127	Sabarmati Ashram Gaushala, Bidaj	03-04-2006	84	23	-4.27	66.80%	126
78	SAG-HFS-121	Sabarmati Ashram Gaushala, Bidaj	26-03-2007	99	21	-4.72	72.12%	167
79	SAG-HFS-86	Sabarmati Ashram Gaushala, Bidaj	11-08-2004	66	21	-4.88	64.99%	124
80	SAG-HFG-19	Sabarmati Ashram Gaushala, Bidaj	21-07-2009	37	17	-5.22	41.18%	39
81	SAG-HFS-84	Sabarmati Ashram Gaushala, Bidaj	24-12-2003	92	22	-5.72	70.78%	171
82	SAG-HFS-108	Sabarmati Ashram Gaushala, Bidaj	07-02-2005	97	22	-5.75	70.32%	165
83	SAG-HFS-94	Sabarmati Ashram Gaushala, Bidaj	04-01-2004	73	19	-6.50	64.38%	114
84	SAG-HFS-98	Sabarmati Ashram Gaushala, Bidaj	07-09-2005	68	21	-6.66	65.84%	130
85	SAG-HFS-123	Sabarmati Ashram Gaushala, Bidaj	01-01-2006	82	20	-7.05	64.80%	125
86	SAG-HFS-79	Sabarmati Ashram Gaushala, Bidaj	28-02-2004	65	18	-8.82	62.40%	109
87	SAG-HFS-83	Sabarmati Ashram Gaushala, Bidaj	21-12-2003	70	19	-9.17	65.79%	125

Trait : Service Sire Conception Rate
Species : Cattle
Breed: Holstein Crossbred
Date of estimation: 30-Sep-18
Average Conception Rate: 48.94%

SN	Bull Name	Semen Station (source)	Date of Birth	Total AI	Conceptions	CR%	SSCR	Reliability
1	ABC-CB-696	Animal Breeding Centre, Salon	4/8/2009	1192	700	58.72%	7.3%	83%
2	SAG-HX-10007	Sabarmati Ashram Gaushala, Bidaj	2/25/2013	1459	792	54.28%	5.0%	86%
3	SAG-HX-10005	Sabarmati Ashram Gaushala, Bidaj	5/24/2013	1250	714	57.12%	4.6%	83%
4	DUR-CBHF-192	Pashu Sanvardhan Kendra, Jagudan	11/24/2007	1260	668	53.02%	4.1%	84%
5	SAG-HFG-506	Sabarmati Ashram Gaushala, Bidaj	8/12/2012	1271	665	52.32%	4.0%	84%
6	ABC-HK-20770	Animal Breeding Centre, Salon	1/23/2014	1309	729	55.69%	4.0%	84%
7	ABC-CB-512	Animal Breeding Centre, Salon	9/13/2011	1398	767	54.86%	3.9%	85%
8	ABC-CB-564	Animal Breeding Centre, Salon	4/19/2011	1227	631	51.43%	3.9%	83%
9	SAG-HFS-615	Sabarmati Ashram Gaushala, Bidaj	11/25/2012	1352	700	51.78%	3.9%	85%
10	ABC-CB-577	Animal Breeding Centre, Salon	1/6/2012	1163	616	52.97%	3.8%	83%
11	ABC-CB-529	Animal Breeding Centre, Salon	9/25/2011	1114	569	51.08%	3.8%	82%
12	ABC-CB-533	Animal Breeding Centre, Salon	11/19/2011	1314	722	54.95%	3.5%	84%
13	SAG-HG-10509	Sabarmati Ashram Gaushala, Bidaj	4/26/2014	1062	563	53.01%	3.4%	81%
14	SAG-HX-10019	Sabarmati Ashram Gaushala, Bidaj	1/13/2013	1331	701	52.67%	3.4%	85%
15	SAG-HK-10028	Sabarmati Ashram Gaushala, Bidaj	11/27/2013	1295	722	55.75%	3.3%	84%
16	DUR-CBHF-210	Pashu Sanvardhan Kendra, Jagudan	12/3/2010	1396	758	54.30%	3.3%	85%
17	SAG-HS-10625	Sabarmati Ashram Gaushala, Bidaj	3/3/2013	1299	684	52.66%	3.0%	84%
18	DUR-CBHF-207	Pashu Sanvardhan Kendra, Jagudan	7/6/2012	1330	683	51.35%	2.9%	84%
19	SAG-HS-10630	Sabarmati Ashram Gaushala, Bidaj	11/7/2014	1136	597	52.55%	2.9%	82%
20	DUR-CBHF-195	Pashu Sanvardhan Kendra, Jagudan	3/22/2008	1213	620	51.11%	2.8%	83%

21	ABC-CB-695	Animal Breeding Centre, Salon	10/10/2009	1230	671	54.55%	2.8%	83%
22	DUR-CBHF-212	Pashu Sanvardhan Kendra, Jagudan	1/15/2011	1342	722	53.80%	2.7%	85%
23	SAG-HFS-620	Sabarmati Ashram Gaushala, Bidaj	5/4/2012	1371	724	52.81%	2.6%	85%
24	SAG-HX-10030	Sabarmati Ashram Gaushala, Bidaj	7/12/2015	747	386	51.67%	2.3%	76%
25	ALM-HS-40003	Alamadhi Semen Station	2/5/2012	1176	600	51.02%	2.2%	83%
26	SAG-HFS-617	Sabarmati Ashram Gaushala, Bidaj	10/19/2012	1403	714	50.89%	2.1%	85%
27	DSU-CBHF-8	Dama Semen Production Unit	11/25/2008	1268	624	49.21%	2.1%	84%
28	SAG-HX-10012	Sabarmati Ashram Gaushala, Bidaj	7/22/2013	1207	622	51.53%	2.1%	83%
29	SAG-HFS-618	Sabarmati Ashram Gaushala, Bidaj	7/2/2012	1242	609	49.03%	2.1%	83%
30	ABC-CB-697	Animal Breeding Centre, Salon	9/18/2009	1234	630	51.05%	2.0%	84%
31	SAG-HFS-608	Sabarmati Ashram Gaushala, Bidaj	11/4/2011	614	324	52.77%	1.9%	72%
32	SAG-HS-10634	Sabarmati Ashram Gaushala, Bidaj	9/14/2014	1128	555	49.20%	1.9%	82%
33	SAG-HS-10635	Sabarmati Ashram Gaushala, Bidaj	10/25/2014	986	492	49.90%	1.9%	80%
34	SAG-HX-10001	Sabarmati Ashram Gaushala, Bidaj	1/23/2013	1260	645	51.19%	1.9%	84%
35	SAG-HG-10510	Sabarmati Ashram Gaushala, Bidaj	2/3/2014	1247	644	51.64%	1.8%	84%
36	SAG-HS-10621	Sabarmati Ashram Gaushala, Bidaj	10/2/2012	1260	645	51.19%	1.8%	84%
37	SAG-HFS-611	Sabarmati Ashram Gaushala, Bidaj	9/11/2012	1774	901	50.79%	1.5%	88%
38	SAG-HX-10003	Sabarmati Ashram Gaushala, Bidaj	11/6/2012	1498	759	50.67%	1.5%	86%
39	DUR-CBHF-206	Pashu Sanvardhan Kendra, Jagudan	6/5/2010	1269	636	50.12%	1.5%	84%
40	DSU-CBHF-18	Dama Semen Production Unit	10/25/2011	1239	608	49.07%	1.5%	84%
41	ABC-HG-20772	Animal Breeding Centre, Salon	8/21/2013	1487	733	49.29%	1.4%	86%
42	ALM-HG-40008	Alamadhi Semen Station	6/26/2012	1289	661	51.28%	1.3%	84%
43	SAG-HX-10009	Sabarmati Ashram Gaushala, Bidaj	1/23/2013	1321	658	49.81%	1.3%	84%
44	DUR-CBHF-213	Pashu Sanvardhan Kendra, Jagudan	4/9/2011	1344	669	49.78%	1.2%	85%
45	ALM-HX-40015	Alamadhi Semen Station	9/3/2013	1141	563	49.34%	1.2%	83%
46	SAG-HG-10512	Sabarmati Ashram Gaushala, Bidaj	10/3/2014	1229	603	49.06%	1.0%	84%
47	SAG-HS-10637	Sabarmati Ashram Gaushala, Bidaj	4/30/2015	1185	575	48.52%	1.0%	83%
48	DSU-CBHF-16	Dama Semen Production Unit	1/5/2012	1254	613	48.88%	0.9%	84%
49	SAG-HS-10633	Sabarmati Ashram Gaushala, Bidaj	10/16/2014	1252	584	46.65%	0.9%	84%
50	ABC-CB-456	Animal Breeding Centre, Salon	12/13/2009	1358	673	49.56%	0.7%	85%

51	ABC-CB-524	Animal Breeding Centre, Salon	10/2/2011	1150	588	51.13%	0.7%	82%
52	SAG-HX-10006	Sabarmati Ashram Gaushala, Bidaj	1/31/2013	1404	691	49.22%	0.7%	85%
53	SAG-HG-10511	Sabarmati Ashram Gaushala, Bidaj	2/21/2014	1268	622	49.05%	0.7%	84%
54	SAG-HFS-612	Sabarmati Ashram Gaushala, Bidaj	8/4/2012	1297	619	47.73%	0.6%	84%
55	SAG-HX-10011	Sabarmati Ashram Gaushala, Bidaj	6/6/2013	1415	681	48.13%	0.6%	85%
56	ALM-HX-40012	Alamadhi Semen Station	3/25/2014	1176	581	49.40%	0.5%	83%
57	DUR-CBHF-200	Pashu Sanvardhan Kendra, Jagudan	4/15/2009	1373	657	47.85%	0.4%	85%
58	ABC-CB-534	Animal Breeding Centre, Salon	12/21/2011	1250	593	47.44%	0.3%	84%
59	SAG-HX-10017	Sabarmati Ashram Gaushala, Bidaj	4/12/2013	882	444	50.34%	0.3%	78%
60	SAG-HG-10516	Sabarmati Ashram Gaushala, Bidaj	2/1/2015	1287	648	50.35%	0.2%	84%
61	SAG-HFS-613	Sabarmati Ashram Gaushala, Bidaj	2/12/2012	1367	678	49.60%	0.1%	85%
62	SAG-HX-10024	Sabarmati Ashram Gaushala, Bidaj	4/30/2014	748	370	49.47%	0.0%	76%
63	ABC-CB-584	Animal Breeding Centre, Salon	10/24/2011	1230	579	47.07%	0.0%	83%
64	SAG-HFS-609	Sabarmati Ashram Gaushala, Bidaj	8/13/2012	1343	660	49.14%	-0.1%	85%
65	SAG-HX-10014	Sabarmati Ashram Gaushala, Bidaj	11/18/2013	700	371	53.00%	-0.1%	74%
66	SAG-HFG-507	Sabarmati Ashram Gaushala, Bidaj	12/29/2011	1363	659	48.35%	-0.1%	85%
67	SAG-HX-10027	Sabarmati Ashram Gaushala, Bidaj	9/13/2014	937	452	48.24%	-0.3%	80%
68	ALM-HS-40057	Alamadhi Semen Station	2/1/2012	1443	707	49.00%	-0.4%	85%
69	SAG-HFS-606	Sabarmati Ashram Gaushala, Bidaj	3/12/2012	551	277	50.27%	-0.5%	70%
70	SAG-HS-10623	Sabarmati Ashram Gaushala, Bidaj	11/24/2013	1374	644	46.87%	-0.5%	85%
71	SAG-HFS-610	Sabarmati Ashram Gaushala, Bidaj	10/21/2011	849	432	50.88%	-0.6%	78%
72	SAG-HX-10023	Sabarmati Ashram Gaushala, Bidaj	1/24/2014	847	408	48.17%	-0.6%	78%
73	SAG-HX-10015	Sabarmati Ashram Gaushala, Bidaj	11/20/2013	1372	674	49.13%	-0.7%	85%
74	DUR-CBHF-205	Pashu Sanvardhan Kendra, Jagudan	3/1/2010	1359	657	48.34%	-0.8%	85%
75	SAG-HG-10515	Sabarmati Ashram Gaushala, Bidaj	12/4/2014	1223	551	45.05%	-0.8%	83%
76	SAG-HS-10629	Sabarmati Ashram Gaushala, Bidaj	2/8/2014	1269	606	47.75%	-0.9%	84%
77	SAG-HFS-616	Sabarmati Ashram Gaushala, Bidaj	7/31/2012	1306	639	48.93%	-1.0%	84%
78	SAG-HFS-602	Sabarmati Ashram Gaushala, Bidaj	9/7/2011	683	352	51.54%	-1.1%	74%
79	SAG-HX-10016	Sabarmati Ashram Gaushala, Bidaj	1/12/2013	721	341	47.30%	-1.1%	75%
80	SAG-HX-10020	Sabarmati Ashram Gaushala, Bidaj	10/28/2013	1187	554	46.67%	-1.2%	83%

81	SAG-HS-10628	Sabarmati Ashram Gaushala, Bidaj	8/28/2014	1326	621	46.83%	-1.3%	84%
82	ABC-HS-20814	Animal Breeding Centre, Salon	8/4/2014	1344	655	48.74%	-1.4%	84%
83	ABC-HG-20856	Animal Breeding Centre, Salon	10/14/2014	1222	600	49.10%	-1.4%	83%
84	ALM-HX-40013	Alamadhi Semen Station	4/25/2013	1259	609	48.37%	-1.5%	84%
85	SAG-HFS-619	Sabarmati Ashram Gaushala, Bidaj	2/24/2012	1260	624	49.52%	-1.5%	84%
86	SAG-HFG-504	Sabarmati Ashram Gaushala, Bidaj	12/20/2011	890	416	46.74%	-1.7%	79%
87	SAG-HX-10026	Sabarmati Ashram Gaushala, Bidaj	9/21/2014	959	466	48.59%	-1.8%	80%
88	ABC-HS-20730	Animal Breeding Centre, Salon	5/28/2013	1346	650	48.29%	-1.8%	85%
89	DUR-CBHF-194	Pashu Sanvardhan Kendra, Jagudan	3/13/2008	1257	570	45.35%	-1.8%	84%
90	ALM-HS-40019	Alamadhi Semen Station	1/18/2014	1333	621	46.59%	-2.0%	85%
91	SAG-HX-10025	Sabarmati Ashram Gaushala, Bidaj	2/22/2014	812	368	45.32%	-2.1%	77%
92	SAG-HX-10004	Sabarmati Ashram Gaushala, Bidaj	12/5/2012	1204	546	45.35%	-2.1%	83%
93	ALM-HS-40006	Alamadhi Semen Station	8/9/2012	1260	586	46.51%	-2.2%	84%
94	ABC-HG-20778	Animal Breeding Centre, Salon	3/7/2014	1169	513	43.88%	-2.3%	83%
95	SAG-HS-10624	Sabarmati Ashram Gaushala, Bidaj	9/15/2013	1173	553	47.14%	-2.3%	83%
96	SAG-HG-10513	Sabarmati Ashram Gaushala, Bidaj	9/9/2013	1234	546	44.25%	-2.4%	83%
97	ALM-HX-40018	Alamadhi Semen Station	1/7/2014	1167	529	45.33%	-2.5%	83%
98	DSU-CBHF-15	Dama Semen Production Unit	8/15/2010	1308	610	46.64%	-2.7%	84%
99	ALM-HS-40011	Alamadhi Semen Station	3/24/2013	1093	489	44.74%	-2.9%	82%
100	SAG-HS-10636	Sabarmati Ashram Gaushala, Bidaj	3/18/2015	1215	550	45.27%	-3.1%	83%
101	SAG-HS-10626	Sabarmati Ashram Gaushala, Bidaj	4/23/2014	1133	511	45.10%	-3.3%	82%
102	ALM-HS-40001	Alamadhi Semen Station	8/17/2012	1233	568	46.07%	-3.3%	83%
103	SAG-HK-10029	Sabarmati Ashram Gaushala, Bidaj	1/8/2014	1291	564	43.69%	-3.3%	84%
104	SAG-HX-10028	Sabarmati Ashram Gaushala, Bidaj	1/7/2015	868	384	44.24%	-3.4%	78%
105	SAG-HS-10632	Sabarmati Ashram Gaushala, Bidaj	9/25/2014	1333	607	45.54%	-3.6%	84%
106	SAG-HFG-505	Sabarmati Ashram Gaushala, Bidaj	1/12/2012	1352	583	43.12%	-4.8%	84%
107	SAG-HFG-508	Sabarmati Ashram Gaushala, Bidaj	4/24/2012	1174	488	41.57%	-4.9%	83%
108	ABC-CB-331	Animal Breeding Centre, Salon	2/16/2007	1188	494	41.58%	-5.7%	83%
109	ABC-CB-511	Animal Breeding Centre, Salon	7/8/2011	1143	477	41.73%	-6.1%	82%
110	SAG-HFG-503	Sabarmati Ashram Gaushala, Bidaj	9/23/2011	807	353	43.74%	-6.2%	77%

111	ABC-HG-20776	Animal Breeding Centre, Salon	10/17/2013	1082	450	41.59%	-6.3%	81%
112	SAG-HG-10514	Sabarmati Ashram Gaushala, Bidaj	11/17/2013	1084	427	39.39%	-6.9%	81%
113	SAG-HFG-501	Sabarmati Ashram Gaushala, Bidaj	1/3/2012	1154	464	40.21%	-7.1%	82%
114	ALM-HS-40056	Alamadhi Semen Station	5/31/2011	1161	496	42.72%	-7.5%	83%
115	SAG-HX-10010	Sabarmati Ashram Gaushala, Bidaj	10/7/2013	1201	438	36.47%	-8.7%	83%