

## Genomic 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-Nov-2019

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV Milk yield	REL
1	DUR-CBHF-203	PSK, Jagudan	21-Feb-10	74	659	821.09	84.88
2	SAG-NEHAL	SAG, Bidaj	16-Dec-93	26	216	786.07	78.69
3	SAG-HX-10001	SAG, Bidaj	23-Jan-13	37	277	785.29	79.51
4	SAG-HFS-120	SAG, Bidaj	26-Sep-06	115	1154	701.58	89.63
5	SAG-HFS-47	SAG, Bidaj	9-Sep-02	36	355	641.96	77.84
6	SAG-HFS-95	SAG, Bidaj	7-May-05	109	1069	638.81	89.36
7	SAG-HFG-16	SAG, Bidaj	17-Dec-08	133	1347	615.37	90.69
8	ABC-CB-340	ABC, Salon	3-Aug-08	102	981	544.32	88.91
9	SAG-HFS-83	SAG, Bidaj	21-Dec-03	120	1197	536.43	90.61
10	SAG-HFS-48	SAG, Bidaj	30-Dec-02	18	183	510.72	76.05
11	ULD-CB-850	DFSPC, Rishikesh	19-Jan-05	52	408	506.86	80.44
12	SAG-BRIJESH	SAG, Bidaj	6-Nov-94	33	271	491.41	80.49
13	SAG-HFS-131	SAG, Bidaj	2-Mar-08	81	808	475.74	86.96
14	SAG-HFS-63	SAG, Bidaj	6-Jan-03	24	238	463.15	75.22
15	SAG-HFS-102	SAG, Bidaj	13-Feb-05	75	740	449.91	87.55
16	SAG-HFG-23	SAG, Bidaj	17-Feb-10	77	778	438.82	86.23
17	SAG-HX-10005	SAG, Bidaj	24-May-13	29	176	438.50	76.04
18	DUR-CBHF-215	PSK, Jagudan	24-Sep-11	61	523	438.29	82.60
19	SAG-HFG-26	SAG, Bidaj	14-Oct-11	65	590	423.12	85.32
20	SAG-HFS-85	SAG, Bidaj	18-Jan-04	86	878	416.57	87.45

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21	SAG-HFS-66	SAG, Bidaj	19-Sep-03	100	1023	402.48	89.00
22	SAG-HFS-108	SAG, Bidaj	7-Feb-05	143	1462	392.87	91.10
23	SAG-NEERAJ	SAG, Bidaj	26-Aug-96	28	250	392.48	78.41
24	SAG-HFS-608	SAG, Bidaj	4-Nov-11	66	561	390.63	85.33
25	DUR-CBHF-210	PSK, Jagudan	3-Dec-10	61	433	390.35	82.48
26	SAG-MAHA	SAG, Bidaj	12-Jul-95	19	161	385.14	75.13
27	SAG-HFS-79	SAG, Bidaj	28-Feb-04	88	902	382.49	87.31
28	SAG-BOON	SAG, Bidaj	4-Mar-98	25	222	374.56	72.25
29	SAG-HFS-123	SAG, Bidaj	1-Jan-06	145	1499	371.63	90.76
30	DUR-CBHF-206	PSK, Jagudan	5-Jun-10	53	416	369.56	80.64
31	DUR-CBHF-207	PSK, Jagudan	6-Jul-12	32	272	365.13	73.61
32	SAG-HFS-611	SAG, Bidaj	11-Sep-12	50	366	363.93	82.61
33	SAG-HFS-149	SAG, Bidaj	23-Jan-11	97	968	363.52	88.80
34	DUR-CBHF-198	PSK, Jagudan	15-Jan-09	79	697	358.72	85.60
35	SAG-NIRAV	SAG, Bidaj	26-Mar-94	32	285	356.64	82.66
36	SAG-HFG-25	SAG, Bidaj	14-Jun-11	121	1154	353.37	90.48
37	DUR-CBHF-193	PSK, Jagudan	18-Dec-07	49	419	351.29	79.71
38	ABC-CB-244	ABC, Salon	23-Jan-05	94	898	350.23	88.26
39	SAG-HFG-503	SAG, Bidaj	23-Sep-11	39	321	337.12	79.64
40	SAG-HFS-151	SAG, Bidaj	24-Mar-11	110	1055	332.10	89.87
41	DUR-CBHF-194	PSK, Jagudan	13-Mar-08	44	335	319.35	80.40
42	SAG-HFS-616	SAG, Bidaj	31-Jul-12	44	328	311.73	79.30
43	SAG-JIGAR	SAG, Bidaj	3-Feb-01	18	165	310.61	70.96
44	SAG-HFK-11	SAG, Bidaj	6-Sep-04	139	1401	307.37	91.32
45	DUR-CBHF-202	PSK, Jagudan	9-Dec-09	71	633	306.25	84.72
46	SAG-HFS-155	SAG, Bidaj	2-Sep-11	103	928	305.07	89.30
47	SAG-HX-10012	SAG, Bidaj	22-Jul-13	19	92	301.89	70.88

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48	DSU-CBHF-9	DSU, Dama	10-Apr-10	83	778	301.69	86.98
49	DUR-CBHF-192	PSK, Jagudan	24-Nov-07	43	339	299.91	78.13
50	ABC-CB-379	ABC, Salon	13-May-07	79	771	288.32	87.41
51	SAG-HFS-100	SAG, Bidaj	26-Jul-05	89	891	285.83	87.93
52	SAG-HFS-80	SAG, Bidaj	15-Jun-04	153	1506	284.30	91.25
53	SAG-HFS-128	SAG, Bidaj	15-Jan-08	83	853	281.23	84.96
54	SAG-HFS-146	SAG, Bidaj	16-Sep-09	84	828	279.09	86.94
55	SAG-HFG-04	SAG, Bidaj	2-Oct-02	33	325	277.19	79.80
56	SAG-HFS-606	SAG, Bidaj	12-Mar-12	92	784	273.41	88.01
57	SAG-HFS-145	SAG, Bidaj	28-Aug-10	101	1021	272.46	89.12
58	SAG-HFG-20	SAG, Bidaj	1-Sep-10	79	749	267.19	86.27
59	ABC-CB-477	ABC, Salon	12-Mar-10	79	750	260.01	87.12
60	DUR-CBHF-212	PSK, Jagudan	15-Jan-11	47	337	252.33	78.94
61	ULD-CB-860	DFSPC, Rishikesh	12-Dec-05	48	440	247.54	80.00
62	ABC-CB-528	ABC, Salon	9-Jul-10	66	575	238.83	85.39
63	SAG-HFS-87	SAG, Bidaj	19-May-04	87	872	238.12	87.14
64	SAG-HFS-144	SAG, Bidaj	1-Jan-10	125	1217	231.23	90.72
65	SAG-HFS-121	SAG, Bidaj	26-Mar-07	143	1455	219.33	91.58
66	SAG-HS-10621	SAG, Bidaj	2-Oct-12	16	93	208.43	70.63
67	SAG-HFS-147	SAG, Bidaj	18-Dec-10	114	1091	207.81	89.75
68	SAG-BINDU	SAG, Bidaj	21-Jul-96	25	232	206.73	78.74
69	SAG-HFS-122	SAG, Bidaj	11-Sep-07	125	1263	204.27	90.05
70	SAG-HFK-25	SAG, Bidaj	5-Jul-10	66	625	203.78	85.77
71	SAG-BHAVIK	SAG, Bidaj	26-May-90	12	94	202.67	72.26
72	SAG-HFS-70	SAG, Bidaj	8-Jul-03	145	1492	199.98	91.28
73	SAG-HFS-09	SAG, Bidaj	26-Mar-97	23	210	198.56	70.71
74	ABC-CB-381	ABC, Salon	2-Aug-07	85	793	197.67	88.23

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75	SAG-HFG-22	SAG, Bidaj	17-Jun-10	173	1758	196.07	92.29
76	SAG-NEELKANTH	SAG, Bidaj	15-May-90	11	111	195.09	83.00
77	ABC-CB-417	ABC, Salon	2-Aug-09	116	1168	186.73	89.33
78	SAG-HFS-134	SAG, Bidaj	1-May-08	155	1533	185.17	91.85
79	SAG-HFS-610	SAG, Bidaj	21-Oct-11	59	491	182.89	83.85
80	ABC-CB-454	ABC, Salon	23-Mar-09	91	898	176.11	86.65
81	SAG-HFS-125	SAG, Bidaj	20-May-06	99	988	172.16	90.29
82	SAG-HFS-64	SAG, Bidaj	10-Apr-03	22	217	170.07	76.26
83	SAG-HFG-15	SAG, Bidaj	27-Jul-08	136	1383	161.15	91.21
84	DSU-CBHF-10	DSU, Dama	11-Apr-09	68	634	155.08	85.60
85	SAG-HFS-617	SAG, Bidaj	19-Oct-12	44	288	154.68	80.91
86	ABC-CB-240	ABC, Salon	14-Apr-04	81	793	150.77	86.98
87	DUR-CBHF-216	PSK, Jagudan	10-Jul-11	70	661	149.53	85.28
88	SAG-HFG-505	SAG, Bidaj	12-Jan-12	37	271	141.17	78.43
89	ABC-CB-183	ABC, Salon	3-Jul-03	131	1283	139.83	90.28
90	SAG-HFS-601	SAG, Bidaj	29-Dec-10	65	591	134.62	85.50
91	SAG-HFS-130	SAG, Bidaj	5-Jun-05	121	1220	132.99	89.23
92	DSU-CBHF-16	DSU, Dama	5-Jan-12	33	251	127.07	77.74
93	SAG-HFS-69	SAG, Bidaj	22-Oct-02	24	242	120.60	77.26
94	SAG-HFS-612	SAG, Bidaj	4-Aug-12	44	299	112.76	81.96
95	ABC-CB-485	ABC, Salon	2-Oct-10	79	747	112.53	87.56
96	ABC-CB-561	ABC, Salon	20-Dec-09	62	549	112.01	83.58
97	SAG-HFS-114	SAG, Bidaj	23-Aug-05	19	196	107.98	74.09
98	SAG-BHAGAT	SAG, Bidaj	8-Aug-96	17	151	107.22	79.92
99	SAG-HFG-02	SAG, Bidaj	24-Jan-03	19	183	104.59	70.09
100	SAG-HFG-19	SAG, Bidaj	21-Jul-09	115	1125	102.15	89.80
101	DUR-CBHF-184	PSK, Jagudan	17-Dec-06	103	953	100.54	89.10

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102	SAG-HFS-25	SAG, Bidaj	25-Jan-00	17	155	94.98	78.12
103	SAG-HFS-10	SAG, Bidaj	4-Jul-98	14	125	94.68	70.46
104	SAG-HFS-36	SAG, Bidaj	21-Jan-02	119	1176	94.37	90.49
105	SAG-BOSS	SAG, Bidaj	1-Aug-97	30	249	92.61	84.52
106	SAG-HFS-03	SAG, Bidaj	7-Aug-97	28	239	85.35	79.40
107	SAG-HFG-13	SAG, Bidaj	22-Mar-07	146	1478	83.05	91.64
108	DSU-CBHF-15	DSU, Dama	15-Aug-10	60	447	80.62	82.39
109	SAG-HFS-619	SAG, Bidaj	24-Feb-12	33	215	80.28	74.20
110	SAG-HFS-86	SAG, Bidaj	11-Aug-04	114	1149	79.49	89.79
111	SAG-HFS-28	SAG, Bidaj	19-Sep-00	14	115	75.82	81.11
112	SAG-HFS-137	SAG, Bidaj	3-Dec-07	97	958	72.24	87.52
113	SAG-HFS-148	SAG, Bidaj	8-Nov-11	106	1006	71.09	89.82
114	SAG-HFS-603	SAG, Bidaj	14-Jan-12	72	660	65.64	86.37
115	SAG-HFS-124	SAG, Bidaj	21-Oct-05	142	1476	65.26	90.49
116	SAG-BHANU	SAG, Bidaj	4-Jun-96	30	258	61.68	82.85
117	DUR-CBHF-195	PSK, Jagudan	22-Mar-08	37	270	56.40	76.32
118	SAG-BIPUL	SAG, Bidaj	17-Jul-97	21	187	54.21	81.98
119	ABC-CB-362	ABC, Salon	1-Oct-08	111	1089	53.09	88.34
120	SAG-BORIS	SAG, Bidaj	28-Jun-97	22	196	51.22	79.85
121	SAG-HFS-94	SAG, Bidaj	4-Jan-04	112	1130	49.34	89.66
122	SAG-BIKU	SAG, Bidaj	4-May-97	34	308	48.25	80.02
123	SAG-HFS-82	SAG, Bidaj	1-Dec-03	23	222	48.17	74.34
124	SAG-HFS-46	SAG, Bidaj	20-May-03	213	2151	43.47	93.53
125	SAG-HFS-607	SAG, Bidaj	20-Feb-12	101	887	41.90	90.47
126	SAG-BIKEN	SAG, Bidaj	6-Apr-95	26	190	41.40	80.14
127	SAG-JANAK	SAG, Bidaj	15-Aug-89	28	272	38.32	85.95
128	SAG-HFS-609	SAG, Bidaj	13-Aug-12	65	522	32.49	85.38

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129	SAG-HFG-24	SAG, Bidaj	30-May-10	95	921	32.04	88.32
130	SAG-HFS-50	SAG, Bidaj	15-Oct-02	27	244	29.21	73.73
131	DUR-CBHF-200	PSK, Jagudan	15-Apr-09	46	355	28.21	77.81
132	SAG-HFS-116	SAG, Bidaj	24-Apr-06	101	1037	27.43	88.33
133	SAG-HFS-39	SAG, Bidaj	8-Aug-02	22	219	26.62	73.79
134	SAG-HAMIR	SAG, Bidaj	17-Nov-97	24	212	25.10	71.08
135	SAG-HFS-138	SAG, Bidaj	16-Dec-08	103	1050	23.82	88.85
136	SAG-HFS-32	SAG, Bidaj	17-Jun-01	14	126	22.21	72.26
137	SAG-HFG-506	SAG, Bidaj	12-Aug-12	58	438	21.13	82.54
138	SAG-HFK-22	SAG, Bidaj	10-Jul-09	167	1681	15.81	91.90
139	SAG-HFS-68	SAG, Bidaj	28-Mar-03	26	255	12.92	78.03
140	DSU-CBHF-18	DSU, Dama	25-Oct-11	45	360	5.95	81.31
141	SAG-HFS-154	SAG, Bidaj	21-Apr-12	104	979	5.59	89.40
142	SAG-HFS-615	SAG, Bidaj	25-Nov-12	37	240	-1.69	76.43
143	SAG-HFS-98	SAG, Bidaj	7-Sep-05	122	1242	-3.21	90.39
144	SAG-HFS-17	SAG, Bidaj	27-Nov-98	21	191	-3.43	73.27
145	SAG-HFS-605	SAG, Bidaj	18-Dec-11	77	655	-3.56	86.68
146	SAG-HFS-101	SAG, Bidaj	21-Sep-05	117	1141	-9.20	89.74
147	SAG-HFK-23	SAG, Bidaj	10-Jan-09	60	505	-13.70	84.81
148	SAG-HFS-84	SAG, Bidaj	24-Dec-03	129	1297	-14.28	91.33
149	SAG-HFS-45	SAG, Bidaj	23-Dec-00	40	399	-15.81	79.91
150	DUR-CBHF-205	PSK, Jagudan	1-Mar-10	35	219	-19.47	75.26
151	SAG-HX-10003	SAG, Bidaj	6-Nov-12	31	202	-29.92	76.97
152	SAG-HFS-81	SAG, Bidaj	24-Nov-03	23	227	-33.88	78.36
153	SAG-HFS-117	SAG, Bidaj	9-Aug-06	198	1975	-35.38	92.84
154	SAG-HFS-141	SAG, Bidaj	11-Mar-08	97	967	-39.57	87.89
155	SAG-BRAMHA	SAG, Bidaj	20-Jun-96	19	165	-41.74	76.23

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156	DSU-CBHF-14	DSU, Dama	14-Sep-10	68	602	-42.48	84.68
157	SAG-HFS-113	SAG, Bidaj	8-Sep-05	116	1188	-44.07	90.96
158	SAG-HFS-65	SAG, Bidaj	8-Jul-03	34	326	-52.46	81.02
159	SAG-HFG-05	SAG, Bidaj	9-May-03	106	1033	-53.37	89.02
160	SAG-HFS-91	SAG, Bidaj	17-Oct-04	103	1018	-57.61	89.31
161	SAG-HFS-55	SAG, Bidaj	24-Dec-02	23	226	-59.25	77.02
162	SAG-HFS-132	SAG, Bidaj	19-Feb-08	127	1297	-64.92	90.12
163	SAG-BAKER	SAG, Bidaj	6-Nov-96	31	247	-65.65	74.94
164	SAG-HFS-20	SAG, Bidaj	3-May-98	24	193	-69.49	77.97
165	SAG-HFG-12	SAG, Bidaj	10-Jun-07	176	1782	-74.46	93.17
166	SAG-BOTHAM	SAG, Bidaj	6-Oct-97	35	323	-74.64	82.08
167	SAG-BHOLU	SAG, Bidaj	11-Jul-97	35	297	-75.41	76.29
168	SAG-HFS-126	SAG, Bidaj	25-Jul-06	109	1118	-78.44	89.38
169	SAG-HFG-17	SAG, Bidaj	7-Feb-09	140	1410	-81.95	90.01
170	SAG-HFS-129	SAG, Bidaj	4-Nov-07	105	1043	-84.27	90.38
171	DUR-CBHF-211	PSK, Jagudan	27-Oct-10	97	831	-84.39	88.96
172	SAG-HFS-602	SAG, Bidaj	7-Sep-11	77	618	-87.51	86.69
173	SAG-HFG-10	SAG, Bidaj	16-Sep-07	119	1228	-98.17	90.20
174	ABC-CB-353	ABC, Salon	4-Apr-06	121	1169	-98.42	90.49
175	SAG-HFK-18	SAG, Bidaj	31-Aug-08	161	1600	-98.85	91.92
176	SAG-HARDIK	SAG, Bidaj	17-Feb-93	20	159	-108.62	76.98
177	SAG-BONY	SAG, Bidaj	6-Jul-97	29	277	-112.21	74.47
178	ABC-CB-434	ABC, Salon	30-Jan-09	150	1510	-113.95	91.42
179	SAG-HFG-501	SAG, Bidaj	3-Jan-12	33	250	-114.56	75.58
180	ABC-CB-314	ABC, Salon	1-Sep-06	112	1088	-118.08	88.84
181	SAG-BILLU	SAG, Bidaj	18-Jul-97	30	261	-122.64	85.77
182	ABC-CB-330	ABC, Salon	20-Dec-06	103	1016	-126.62	88.53

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183	SAG-HFS-115	SAG, Bidaj	15-Feb-06	89	883	-134.68	87.12
184	SAG-HFS-22	SAG, Bidaj	6-Feb-01	14	116	-139.53	73.69
185	DUR-CBHF-213	PSK, Jagudan	9-Apr-11	35	264	-141.61	78.00
186	SAG-HFG-504	SAG, Bidaj	20-Dec-11	62	526	-143.33	84.76
187	SAG-HFS-613	SAG, Bidaj	12-Feb-12	43	308	-177.95	80.02
188	SAG-HFS-620	SAG, Bidaj	4-May-12	48	308	-181.32	79.90
189	SAG-HFG-03	SAG, Bidaj	1-Jan-03	23	224	-186.47	72.31
190	SAG-HFK-17	SAG, Bidaj	7-Feb-09	132	1339	-188.34	90.78
191	SAG-HFG-14	SAG, Bidaj	13-May-08	204	2072	-188.58	93.97
192	ABC-CB-484	ABC, Salon	25-Sep-10	97	885	-195.62	88.75
193	SAG-HFK-15	SAG, Bidaj	21-Dec-05	124	1233	-196.28	89.90
194	SAG-HFS-01	SAG, Bidaj	27-Feb-98	24	206	-199.74	71.98
195	ABC-CB-336	ABC, Salon	13-Nov-07	70	666	-203.67	85.64
196	SAG-HFK-20	SAG, Bidaj	15-Dec-05	149	1481	-207.90	90.78
197	ABC-CB-480	ABC, Salon	22-May-10	97	935	-224.05	88.91
198	SAG-HFG-502	SAG, Bidaj	15-May-12	88	798	-225.30	87.79
199	DSU-CBHF-13	DSU, Dama	25-Aug-10	109	1007	-227.27	89.84
200	SAG-HFS-103	SAG, Bidaj	31-Aug-05	118	1179	-230.06	89.88
201	SAG-HFK-10	SAG, Bidaj	16-May-02	20	189	-234.04	72.07
202	DSU-CBHF-8	DSU, Dama	25-Nov-08	27	187	-239.60	76.51
203	SAG-HFK-13	SAG, Bidaj	17-May-04	118	1156	-258.77	89.48
204	SAG-HFS-140	SAG, Bidaj	28-Jul-09	97	948	-258.84	88.68
205	SAG-HFK-27	SAG, Bidaj	24-Sep-11	63	554	-260.40	84.73
206	SAG-HFS-119	SAG, Bidaj	2-Sep-06	117	1190	-264.61	89.94
207	SAG-HFK-09	SAG, Bidaj	25-Jan-04	73	734	-275.24	85.91
208	ABC-CB-230	ABC, Salon	4-Aug-05	112	1075	-337.90	89.18
209	SAG-HFG-11	SAG, Bidaj	10-Oct-07	110	1095	-346.80	89.35



Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV Milk yield	REL
210	DUR-CBHF-197	PSK, Jagudan	11-Dec-08	52	449	-357.14	80.32
211	ABC-CB-418	ABC, Salon	29-Sep-09	105	1023	-369.40	88.67
212	SAG-HFS-153	SAG, Bidaj	29-Jul-11	113	1024	-390.86	90.03
213	SAG-HFS-127	SAG, Bidaj	3-Apr-06	126	1239	-395.19	89.66
214	SAG-HFS-143	SAG, Bidaj	1-Oct-09	177	1672	-507.63	92.06
215	ABC-CB-453	ABC, Salon	6-Jan-09	134	1298	-519.31	90.46
216	SAG-HFK-14	SAG, Bidaj	17-Apr-06	122	1195	-541.98	89.70
217	SAG-HFG-18	SAG, Bidaj	1-Aug-08	127	1242	-717.30	89.61

Trait : 305 Day Fat Yield  
Species : Cattle  
Breed: Holstein Crossbred  
Date of estimation: 30-Nov-19

Sr. No.	Bull ID	Semen Station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV fat yield	GEBV fat %	REL
1	DUR-CBHF-203	PSK, Jagudan	21-Feb-10	70	612	31.88	0.06	81.58
2	SAG-HFS-120	SAG, Bidaj	26-Sep-06	115	1144	29.24	0.00	87.79
3	SAG-HFS-95	SAG, Bidaj	7-May-05	106	993	26.90	-0.01	87.03
4	SAG-HX-10001	SAG, Bidaj	23-Jan-13	36	241	25.87	0.19	75.00
5	SAG-HFS-83	SAG, Bidaj	21-Dec-03	118	1091	23.79	-0.05	88.56
6	SAG-HFS-47	SAG, Bidaj	9-Sep-02	29	239	23.51	0.09	72.25
7	ULD-CB-850	DFSPC, Rishikesh	19-Jan-05	47	366	20.91	0.00	75.23
8	SAG-HFS-63	SAG, Bidaj	6-Jan-03	24	223	20.23	-0.03	71.42

<b>Sr. No.</b>	<b>Bull ID</b>	<b>Semen Station</b>	<b>DOB</b>	<b>No. of daughters used for analysis</b>	<b>No. of records used for analysis</b>	<b>GEBV fat yield</b>	<b>GEBV fat %</b>	<b>REL</b>
9	SAG-HFS-48	SAG, Bidaj	30-Dec-02	18	162	19.50	0.05	72.27
10	SAG-HFG-16	SAG, Bidaj	17-Dec-08	133	1339	19.37	0.19	89.10
11	SAG-HFS-131	SAG, Bidaj	2-Mar-08	81	801	18.51	0.04	84.80
12	SAG-HFS-79	SAG, Bidaj	28-Feb-04	87	820	18.07	-0.07	84.73
13	ABC-CB-340	ABC, Salon	3-Aug-08	100	950	17.72	0.15	86.88
14	SAG-HFG-26	SAG, Bidaj	14-Oct-11	65	557	17.44	0.00	82.75
15	SAG-HFS-102	SAG, Bidaj	13-Feb-05	75	730	17.29	0.04	85.62
16	SAG-HFS-66	SAG, Bidaj	19-Sep-03	98	949	16.80	0.00	86.80
17	SAG-HFS-108	SAG, Bidaj	7-Feb-05	142	1396	16.65	-0.01	89.48
18	SAG-HFS-85	SAG, Bidaj	18-Jan-04	85	826	16.25	0.03	85.01
19	DUR-CBHF-206	PSK, Jagudan	5-Jun-10	52	364	16.25	-0.03	76.01
20	DUR-CBHF-215	PSK, Jagudan	24-Sep-11	59	477	15.26	0.09	78.77
21	SAG-HFS-608	SAG, Bidaj	4-Nov-11	65	528	15.10	0.04	82.34
22	SAG-HFS-123	SAG, Bidaj	1-Jan-06	145	1480	15.05	0.01	89.15
23	DUR-CBHF-210	PSK, Jagudan	3-Dec-10	52	357	14.37	0.06	76.56
24	SAG-HFS-149	SAG, Bidaj	23-Jan-11	97	954	13.26	0.06	86.83
25	DUR-CBHF-194	PSK, Jagudan	13-Mar-08	43	286	13.18	0.00	76.25
26	DUR-CBHF-193	PSK, Jagudan	18-Dec-07	46	390	13.05	0.05	75.24
27	SAG-HFS-80	SAG, Bidaj	15-Jun-04	148	1327	12.19	-0.01	89.20
28	SAG-HFK-11	SAG, Bidaj	6-Sep-04	137	1254	11.91	0.03	89.51
29	SAG-HFS-616	SAG, Bidaj	31-Jul-12	41	278	11.83	0.04	74.18
30	SAG-HFG-23	SAG, Bidaj	17-Feb-10	77	767	11.63	0.21	83.98
31	SAG-HFS-151	SAG, Bidaj	24-Mar-11	109	1025	11.38	0.08	88.02
32	SAG-HFS-121	SAG, Bidaj	26-Mar-07	143	1432	11.17	-0.07	90.02
33	SAG-HFS-87	SAG, Bidaj	19-May-04	86	819	11.12	-0.04	84.72
34	SAG-HFG-503	SAG, Bidaj	23-Sep-11	38	299	11.11	0.09	75.87

<b>Sr. No.</b>	<b>Bull ID</b>	<b>Semen Station</b>	<b>DOB</b>	<b>No. of daughters used for analysis</b>	<b>No. of records used for analysis</b>	<b>GEBV fat yield</b>	<b>GEBV fat %</b>	<b>REL</b>
35	SAG-HFS-100	SAG, Bidaj	26-Jul-05	86	830	11.09	0.03	85.52
36	DSU-CBHF-9	DSU, Dama	10-Apr-10	83	752	10.99	0.05	84.56
37	SAG-HFS-128	SAG, Bidaj	15-Jan-08	83	851	10.66	0.03	82.37
38	SAG-NIRAV	SAG, Bidaj	26-Mar-94	14	131	10.64	0.14	74.11
39	DUR-CBHF-198	PSK, Jagudan	15-Jan-09	76	650	10.58	0.14	82.45
40	DUR-CBHF-192	PSK, Jagudan	24-Nov-07	41	296	10.42	0.07	73.04
41	DUR-CBHF-202	PSK, Jagudan	9-Dec-09	69	603	10.39	0.08	81.60
42	ABC-CB-379	ABC, Salon	13-May-07	79	760	10.37	0.05	85.23
43	SAG-HFS-617	SAG, Bidaj	19-Oct-12	42	239	10.24	-0.13	75.97
44	ABC-CB-240	ABC, Salon	14-Apr-04	80	777	10.08	-0.13	84.67
45	SAG-HFG-20	SAG, Bidaj	1-Sep-10	79	742	9.81	0.04	83.57
46	SAG-HFG-25	SAG, Bidaj	14-Jun-11	120	1132	9.63	0.16	88.57
47	DSU-CBHF-16	DSU, Dama	5-Jan-12	30	224	9.46	-0.15	73.12
48	SAG-HFS-146	SAG, Bidaj	16-Sep-09	84	821	9.38	0.07	84.71
49	DSU-CBHF-15	DSU, Dama	15-Aug-10	58	401	9.15	-0.21	78.08
50	SAG-HFS-610	SAG, Bidaj	21-Oct-11	57	454	9.05	-0.05	80.22
51	ABC-CB-244	ABC, Salon	23-Jan-05	94	889	9.02	0.18	86.18
52	SAG-HFS-155	SAG, Bidaj	2-Sep-11	99	861	8.95	0.12	86.84
53	DUR-CBHF-212	PSK, Jagudan	15-Jan-11	39	276	8.88	0.05	72.33
54	ULD-CB-860	DFSPC, Rishikesh	12-Dec-05	47	410	8.30	0.07	75.99
55	SAG-HFS-70	SAG, Bidaj	8-Jul-03	145	1419	8.22	0.00	89.60
56	SAG-BIPUL	SAG, Bidaj	17-Jul-97	0	0	8.07	-0.21	72.55
57	SAG-HFS-144	SAG, Bidaj	1-Jan-10	123	1198	7.67	0.07	88.94
58	SAG-HFS-125	SAG, Bidaj	20-May-06	98	969	7.58	-0.01	88.71
59	SAG-BHAGAT	SAG, Bidaj	8-Aug-96	0	0	7.39	-0.10	70.65
60	SAG-HFG-04	SAG, Bidaj	2-Oct-02	31	279	7.11	0.15	75.77

<b>Sr. No.</b>	<b>Bull ID</b>	<b>Semen Station</b>	<b>DOB</b>	<b>No. of daughters used for analysis</b>	<b>No. of records used for analysis</b>	<b>GEBV fat yield</b>	<b>GEBV fat %</b>	<b>REL</b>
61	ABC-CB-381	ABC, Salon	2-Aug-07	83	758	7.11	0.04	86.13
62	SAG-HFS-145	SAG, Bidaj	28-Aug-10	100	1011	7.02	0.14	87.21
63	SAG-NEELKANTH	SAG, Bidaj	15-May-90	7	60	6.87	0.04	79.29
64	SAG-HFS-611	SAG, Bidaj	11-Sep-12	42	298	6.65	0.27	77.51
65	SAG-HFS-606	SAG, Bidaj	12-Mar-12	90	733	6.45	0.16	85.27
66	ABC-CB-528	ABC, Salon	9-Jul-10	64	544	6.32	0.12	82.56
67	SAG-HFS-134	SAG, Bidaj	1-May-08	155	1516	6.14	0.05	90.43
68	SAG-HFS-122	SAG, Bidaj	11-Sep-07	124	1256	5.97	0.09	88.26
69	ABC-CB-477	ABC, Salon	12-Mar-10	79	741	5.77	0.17	84.92
70	SAG-HFK-25	SAG, Bidaj	5-Jul-10	62	603	5.68	0.10	82.90
71	SAG-HFS-86	SAG, Bidaj	11-Aug-04	113	1058	5.65	-0.08	87.86
72	SAG-HFG-15	SAG, Bidaj	27-Jul-08	136	1374	5.13	0.05	89.62
73	SAG-BHANU	SAG, Bidaj	4-Jun-96	0	0	4.83	-0.08	70.79
74	SAG-HFS-114	SAG, Bidaj	23-Aug-05	19	196	4.51	0.00	71.16
75	SAG-BOSS	SAG, Bidaj	1-Aug-97	0	0	4.34	-0.02	74.66
76	ABC-CB-417	ABC, Salon	2-Aug-09	116	1159	4.33	0.12	87.51
77	SAG-HFS-147	SAG, Bidaj	18-Dec-10	113	1074	4.23	0.15	87.77
78	SAG-JANAK	SAG, Bidaj	15-Aug-89	22	182	4.18	-0.09	82.32
79	ABC-CB-183	ABC, Salon	3-Jul-03	131	1272	3.84	0.07	88.54
80	SAG-HFG-22	SAG, Bidaj	17-Jun-10	171	1739	3.64	0.15	90.86
81	SAG-HFS-94	SAG, Bidaj	4-Jan-04	109	989	3.61	-0.06	87.43
82	SAG-HFS-36	SAG, Bidaj	21-Jan-02	119	1175	3.56	0.01	88.82
83	SAG-HFS-124	SAG, Bidaj	21-Oct-05	142	1473	3.42	-0.03	88.86
84	SAG-HFS-69	SAG, Bidaj	22-Oct-02	24	223	3.40	0.06	73.34
85	SAG-HFS-612	SAG, Bidaj	4-Aug-12	39	245	3.39	0.05	77.41

<b>Sr. No.</b>	<b>Bull ID</b>	<b>Semen Station</b>	<b>DOB</b>	<b>No. of daughters used for analysis</b>	<b>No. of records used for analysis</b>	<b>GEBV fat yield</b>	<b>GEBV fat %</b>	<b>REL</b>
86	SAG-HFG-13	SAG, Bidaj	22-Mar-07	146	1457	3.23	0.01	90.13
87	DUR-CBHF-216	PSK, Jagudan	10-Jul-11	66	627	3.18	0.11	82.06
88	SAG-HFS-130	SAG, Bidaj	5-Jun-05	121	1213	2.99	0.09	87.40
89	SAG-HFS-98	SAG, Bidaj	7-Sep-05	117	1106	2.83	-0.11	88.18
90	SAG-HFS-28	SAG, Bidaj	19-Sep-00	5	33	2.39	0.03	76.20
91	SAG-HFS-603	SAG, Bidaj	14-Jan-12	71	627	2.33	0.01	83.88
92	SAG-HFS-154	SAG, Bidaj	21-Apr-12	103	934	2.17	-0.07	87.40
93	SAG-HFG-19	SAG, Bidaj	21-Jul-09	112	1105	2.09	0.08	87.78
94	SAG-HFS-117	SAG, Bidaj	9-Aug-06	196	1951	1.95	-0.13	91.52
95	SAG-HFG-506	SAG, Bidaj	12-Aug-12	55	384	1.92	-0.04	78.44
96	SAG-HFS-141	SAG, Bidaj	11-Mar-08	96	957	1.81	-0.13	85.67
97	ABC-CB-454	ABC, Salon	23-Mar-09	90	889	1.53	0.20	84.28
98	SAG-HFS-137	SAG, Bidaj	3-Dec-07	96	952	1.52	0.05	85.35
99	SAG-HFS-116	SAG, Bidaj	24-Apr-06	101	1019	1.43	-0.01	86.32
100	ABC-CB-362	ABC, Salon	1-Oct-08	111	1087	1.37	0.03	86.37
101	SAG-HFS-601	SAG, Bidaj	29-Dec-10	63	554	1.25	0.15	82.58
102	DSU-CBHF-14	DSU, Dama	14-Sep-10	66	579	1.21	-0.11	81.64
103	DSU-CBHF-10	DSU, Dama	11-Apr-09	68	622	1.06	0.19	83.19
104	SAG-HFS-84	SAG, Bidaj	24-Dec-03	127	1163	0.80	-0.05	89.60
105	SAG-HFG-24	SAG, Bidaj	30-May-10	94	903	0.71	0.02	86.12
106	ABC-CB-485	ABC, Salon	2-Oct-10	77	724	0.66	0.14	85.11
107	SAG-HFG-10	SAG, Bidaj	16-Sep-07	119	1223	0.49	-0.17	88.38
108	SAG-HFS-64	SAG, Bidaj	10-Apr-03	19	163	0.23	0.24	71.49
109	SAG-HFS-609	SAG, Bidaj	13-Aug-12	63	463	0.08	0.05	82.14
110	DUR-CBHF-195	PSK, Jagudan	22-Mar-08	36	232	0.01	0.08	70.88
111	ABC-CB-561	ABC, Salon	20-Dec-09	60	510	-0.06	0.17	80.29

<b>Sr. No.</b>	<b>Bull ID</b>	<b>Semen Station</b>	<b>DOB</b>	<b>No. of daughters used for analysis</b>	<b>No. of records used for analysis</b>	<b>GEBV fat yield</b>	<b>GEBV fat %</b>	<b>REL</b>
112	SAG-HFS-46	SAG, Bidaj	20-May-03	213	2145	-0.08	0.07	92.39
113	DSU-CBHF-18	DSU, Dama	25-Oct-11	44	316	-0.24	0.02	77.52
114	SAG-HFS-113	SAG, Bidaj	8-Sep-05	116	1180	-0.33	-0.06	89.53
115	DUR-CBHF-184	PSK, Jagudan	17-Dec-06	102	923	-0.34	0.16	87.04
116	DUR-CBHF-200	PSK, Jagudan	15-Apr-09	45	313	-0.46	0.06	73.04
117	SAG-HFS-101	SAG, Bidaj	21-Sep-05	116	1076	-0.66	0.01	87.77
118	SAG-HFG-505	SAG, Bidaj	12-Jan-12	32	210	-0.85	0.23	72.34
119	SAG-HFG-05	SAG, Bidaj	9-May-03	106	948	-1.24	-0.04	86.90
120	SAG-HFS-45	SAG, Bidaj	23-Dec-00	36	316	-1.40	0.03	75.05
121	SAG-HFS-602	SAG, Bidaj	7-Sep-11	75	548	-1.84	-0.07	83.46
122	SAG-HFS-605	SAG, Bidaj	18-Dec-11	71	605	-1.96	0.07	83.30
123	SAG-HFS-81	SAG, Bidaj	24-Nov-03	23	197	-2.08	0.02	74.94
124	ABC-CB-434	ABC, Salon	30-Jan-09	150	1495	-2.16	-0.10	89.92
125	SAG-HFS-132	SAG, Bidaj	19-Feb-08	127	1292	-2.32	-0.01	88.36
126	SAG-HFS-65	SAG, Bidaj	8-Jul-03	33	290	-2.40	0.01	77.86
127	SAG-HFS-126	SAG, Bidaj	25-Jul-06	109	1109	-2.53	-0.03	87.47
128	SAG-HFS-138	SAG, Bidaj	16-Dec-08	103	1046	-2.91	0.14	86.91
129	SAG-HFK-22	SAG, Bidaj	10-Jul-09	166	1663	-3.30	0.14	90.40
130	SAG-HFG-12	SAG, Bidaj	10-Jun-07	176	1767	-3.34	0.01	92.00
131	SAG-HFS-607	SAG, Bidaj	20-Feb-12	99	848	-3.58	0.19	88.56
132	SAG-HFS-148	SAG, Bidaj	8-Nov-11	105	972	-3.75	0.24	87.92
133	SAG-HFS-91	SAG, Bidaj	17-Oct-04	101	955	-3.89	0.06	87.13
134	SAG-HFS-55	SAG, Bidaj	24-Dec-02	18	141	-4.21	0.07	72.14
135	SAG-HFK-23	SAG, Bidaj	10-Jan-09	58	481	-4.25	0.14	81.55
136	SAG-HFK-18	SAG, Bidaj	31-Aug-08	160	1594	-4.46	0.01	90.46
137	DUR-CBHF-213	PSK, Jagudan	9-Apr-11	33	226	-4.69	-0.05	73.70

<b>Sr. No.</b>	<b>Bull ID</b>	<b>Semen Station</b>	<b>DOB</b>	<b>No. of daughters used for analysis</b>	<b>No. of records used for analysis</b>	<b>GEBV fat yield</b>	<b>GEBV fat %</b>	<b>REL</b>
138	SAG-HFS-129	SAG, Bidaj	4-Nov-07	105	1039	-4.75	0.05	88.79
139	ABC-CB-353	ABC, Salon	4-Apr-06	120	1145	-4.85	0.03	88.69
140	SAG-HFS-620	SAG, Bidaj	4-May-12	42	248	-4.86	-0.10	73.35
141	SAG-HFG-504	SAG, Bidaj	20-Dec-11	59	482	-4.87	-0.04	81.30
142	SAG-HFK-17	SAG, Bidaj	7-Feb-09	132	1325	-5.13	-0.11	89.21
143	SAG-BILLU	SAG, Bidaj	18-Jul-97	0	0	-5.27	0.01	76.06
144	SAG-HFS-613	SAG, Bidaj	12-Feb-12	38	264	-6.12	-0.05	74.36
145	SAG-HFG-17	SAG, Bidaj	7-Feb-09	139	1404	-6.23	0.11	88.25
146	SAG-HFG-14	SAG, Bidaj	13-May-08	204	2056	-6.42	-0.06	92.94
147	SAG-HFG-501	SAG, Bidaj	3-Jan-12	31	208	-6.50	0.07	70.13
148	SAG-HFS-115	SAG, Bidaj	15-Feb-06	89	880	-6.91	0.05	84.96
149	SAG-HFS-68	SAG, Bidaj	28-Mar-03	26	219	-6.93	0.27	73.82
150	SAG-HFK-15	SAG, Bidaj	21-Dec-05	123	1225	-7.14	-0.04	88.11
151	SAG-HFK-20	SAG, Bidaj	15-Dec-05	149	1473	-7.19	-0.06	89.18
152	ABC-CB-314	ABC, Salon	1-Sep-06	111	1080	-7.24	0.09	86.81
153	DUR-CBHF-211	PSK, Jagudan	27-Oct-10	94	760	-7.60	0.15	86.52
154	DSU-CBHF-8	DSU, Dama	25-Nov-08	26	158	-8.04	-0.08	71.85
155	ABC-CB-336	ABC, Salon	13-Nov-07	69	657	-8.49	0.00	83.20
156	SAG-HFS-103	SAG, Bidaj	31-Aug-05	117	1173	-8.66	-0.04	88.01
157	ABC-CB-330	ABC, Salon	20-Dec-06	102	1007	-8.70	0.13	86.47
158	DSU-CBHF-13	DSU, Dama	25-Aug-10	106	965	-8.97	-0.02	87.81
159	ABC-CB-480	ABC, Salon	22-May-10	97	917	-9.45	0.01	86.81
160	SAG-HFK-09	SAG, Bidaj	25-Jan-04	72	671	-10.00	-0.06	83.29
161	ABC-CB-484	ABC, Salon	25-Sep-10	95	861	-10.61	0.10	86.51
162	SAG-HFG-502	SAG, Bidaj	15-May-12	86	754	-10.75	0.06	85.26
163	SAG-HFK-13	SAG, Bidaj	17-May-04	117	1148	-11.19	0.02	87.63

Sr. No.	Bull ID	Semen Station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV fat yield	GEBV fat %	REL
164	SAG-HFS-119	SAG, Bidaj	2-Sep-06	116	1165	-11.21	0.01	88.02
165	DUR-CBHF-197	PSK, Jagudan	11-Dec-08	52	429	-11.93	-0.12	76.66
166	SAG-HFK-27	SAG, Bidaj	24-Sep-11	62	535	-12.61	0.07	81.70
167	SAG-HFS-140	SAG, Bidaj	28-Jul-09	97	941	-13.52	0.11	86.64
168	ABC-CB-230	ABC, Salon	4-Aug-05	112	1070	-14.24	0.01	87.33
169	ABC-CB-418	ABC, Salon	29-Sep-09	104	1011	-14.44	-0.04	86.66
170	SAG-HFG-11	SAG, Bidaj	10-Oct-07	107	1072	-15.37	0.04	87.30
171	SAG-HFS-127	SAG, Bidaj	3-Apr-06	126	1229	-15.51	-0.04	87.76
172	SAG-HFS-143	SAG, Bidaj	1-Oct-09	174	1655	-18.98	-0.10	90.48
173	SAG-HFS-153	SAG, Bidaj	29-Jul-11	111	993	-19.39	0.13	88.01
174	SAG-HFK-14	SAG, Bidaj	17-Apr-06	120	1180	-20.87	-0.08	87.77
175	ABC-CB-453	ABC, Salon	6-Jan-09	133	1290	-21.07	-0.02	88.73
176	SAG-HFG-18	SAG, Bidaj	1-Aug-08	126	1230	-27.86	-0.10	87.69

Trait : 305 Day Protein Yield  
Species : Cattle  
Breed: Holstein Crossbred  
Date of estimation: 30-Nov-19

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV Protein yld	GEBV Protein %	REL
1	SAG-HFG-16	SAG, Bidaj	17-Dec-08	133	1322	21.78	-0.02	89.49
2	DUR-CBHF-203	PSK, Jagudan	21-Feb-10	70	612	21.68	0.19	82.53
3	SAG-HFS-120	SAG, Bidaj	26-Sep-06	114	1075	21.58	0.07	88.14



Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV Protein yld	GEBV Protein %	REL
4	SAG-HFS-95	SAG, Bidaj	7-May-05	94	785	21.31	0.02	86.38
5	SAG-HX-10001	SAG, Bidaj	23-Jan-13	36	241	19.21	0.22	76.22
6	SAG-HFS-79	SAG, Bidaj	28-Feb-04	68	594	17.16	-0.13	82.90
7	SAG-HFS-83	SAG, Bidaj	21-Dec-03	98	830	15.91	0.08	87.50
8	SAG-HFS-131	SAG, Bidaj	2-Mar-08	81	801	15.27	0.03	85.45
9	SAG-HFS-102	SAG, Bidaj	13-Feb-05	75	729	14.25	0.04	86.26
10	ABC-CB-340	ABC, Salon	3-Aug-08	100	950	14.17	0.14	87.51
11	ULD-CB-850	DFSPC, Rishikesh	19-Jan-05	47	366	14.10	0.10	76.61
12	SAG-HFS-85	SAG, Bidaj	18-Jan-04	69	589	12.59	0.06	83.73
13	SAG-HFS-123	SAG, Bidaj	1-Jan-06	145	1425	12.04	0.02	89.57
14	SAG-HFG-26	SAG, Bidaj	14-Oct-11	65	557	11.73	0.09	83.65
15	SAG-HFS-128	SAG, Bidaj	15-Jan-08	83	851	11.65	-0.07	82.99
16	SAG-HFG-23	SAG, Bidaj	17-Feb-10	77	767	11.38	0.12	84.66
17	SAG-HFS-149	SAG, Bidaj	23-Jan-11	97	954	11.25	0.04	87.39
18	SAG-HFS-108	SAG, Bidaj	7-Feb-05	135	1176	10.68	0.09	89.40
19	DUR-CBHF-215	PSK, Jagudan	24-Sep-11	59	477	10.56	0.14	79.98
20	SAG-HFS-66	SAG, Bidaj	19-Sep-03	84	710	10.19	0.12	85.74
21	SAG-HFS-121	SAG, Bidaj	26-Mar-07	143	1358	9.18	-0.06	90.39
22	SAG-HFK-11	SAG, Bidaj	6-Sep-04	102	855	9.16	0.05	87.51
23	DUR-CBHF-206	PSK, Jagudan	5-Jun-10	52	364	8.99	0.12	77.52
24	SAG-HFS-608	SAG, Bidaj	4-Nov-11	65	528	8.99	0.14	83.25
25	SAG-HFG-20	SAG, Bidaj	1-Sep-10	79	742	8.96	0.01	84.27
26	DUR-CBHF-198	PSK, Jagudan	15-Jan-09	76	650	8.93	0.11	83.31
27	ABC-CB-244	ABC, Salon	23-Jan-05	94	889	8.72	0.11	86.81
28	SAG-HFS-87	SAG, Bidaj	19-May-04	69	563	8.57	-0.01	83.03
29	DUR-CBHF-210	PSK, Jagudan	3-Dec-10	52	357	8.54	0.16	78.06
30	SAG-HFS-70	SAG, Bidaj	8-Jul-03	136	1264	8.28	-0.05	89.47

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV Protein yld	GEBV Protein %	REL
31	SAG-HFS-155	SAG, Bidaj	2-Sep-11	99	861	8.20	0.08	87.46
32	DUR-CBHF-207	PSK, Jagudan	6-Jul-12	32	241	7.94	0.15	70.55
33	SAG-HFS-151	SAG, Bidaj	24-Mar-11	109	1025	7.80	0.12	88.60
34	SAG-HFS-146	SAG, Bidaj	16-Sep-09	84	820	7.75	0.06	85.40
35	SAG-HFS-100	SAG, Bidaj	26-Jul-05	77	632	7.65	0.07	85.06
36	SAG-HFG-503	SAG, Bidaj	23-Sep-11	38	299	7.63	0.13	77.01
37	SAG-NEELKANTH	SAG, Bidaj	15-May-90	4	35	7.56	-0.03	77.34
38	SAG-HFS-122	SAG, Bidaj	11-Sep-07	124	1192	7.53	-0.02	88.69
39	ABC-CB-379	ABC, Salon	13-May-07	79	760	7.51	0.08	85.90
40	DUR-CBHF-193	PSK, Jagudan	18-Dec-07	46	390	7.23	0.16	76.59
41	SAG-HFS-80	SAG, Bidaj	15-Jun-04	109	892	6.98	0.09	87.34
42	SAG-HFG-25	SAG, Bidaj	14-Jun-11	120	1132	6.84	0.17	89.07
43	SAG-HFS-145	SAG, Bidaj	28-Aug-10	100	1011	6.80	0.09	87.77
44	SAG-HFS-125	SAG, Bidaj	20-May-06	98	951	6.58	-0.02	89.11
45	DUR-CBHF-192	PSK, Jagudan	24-Nov-07	41	296	6.49	0.13	74.64
46	DUR-CBHF-202	PSK, Jagudan	9-Dec-09	69	603	6.45	0.13	82.58
47	DSU-CBHF-9	DSU, Dama	10-Apr-10	83	752	6.44	0.13	85.27
48	SAG-HFS-144	SAG, Bidaj	1-Jan-10	123	1198	6.36	0.05	89.40
49	DUR-CBHF-194	PSK, Jagudan	13-Mar-08	43	286	6.29	0.15	77.63
50	SAG-HFS-36	SAG, Bidaj	21-Jan-02	119	1172	6.24	-0.11	89.17
51	ABC-CB-477	ABC, Salon	12-Mar-10	79	741	6.10	0.10	85.61
52	SAG-HFS-616	SAG, Bidaj	31-Jul-12	41	278	5.62	0.17	75.70
53	SAG-BIPUL	SAG, Bidaj	17-Jul-97	0	0	5.56	-0.13	73.18
54	SAG-HFS-130	SAG, Bidaj	5-Jun-05	121	1157	5.28	-0.02	87.91
55	SAG-HFG-15	SAG, Bidaj	27-Jul-08	136	1362	5.22	0.01	90.02
56	SAG-HFS-611	SAG, Bidaj	11-Sep-12	42	298	5.18	0.24	78.80
57	SAG-BOSS	SAG, Bidaj	1-Aug-97	0	0	5.00	-0.06	72.86

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV Protein yld	GEBV Protein %	REL
58	ABC-CB-417	ABC, Salon	2-Aug-09	116	1159	4.99	0.05	88.02
59	SAG-HFG-22	SAG, Bidaj	17-Jun-10	171	1739	4.96	0.06	91.20
60	ABC-CB-240	ABC, Salon	14-Apr-04	80	777	4.86	0.01	85.37
61	SAG-HFS-134	SAG, Bidaj	1-May-08	155	1516	4.76	0.06	90.83
62	SAG-HFK-25	SAG, Bidaj	5-Jul-10	62	603	4.63	0.08	83.55
63	ABC-CB-528	ABC, Salon	9-Jul-10	64	544	4.53	0.12	83.37
64	ULD-CB-860	DFSPC, Rishikesh	12-Dec-05	47	410	4.48	0.14	77.30
65	ABC-CB-381	ABC, Salon	2-Aug-07	83	758	4.44	0.08	86.82
66	ABC-CB-183	ABC, Salon	3-Jul-03	131	1272	4.27	0.02	89.03
67	DUR-CBHF-212	PSK, Jagudan	15-Jan-11	39	276	4.19	0.15	74.02
68	SAG-HFS-606	SAG, Bidaj	12-Mar-12	90	733	4.18	0.17	86.01
69	DSU-CBHF-15	DSU, Dama	15-Aug-10	58	401	4.17	-0.05	79.48
70	ABC-CB-454	ABC, Salon	23-Mar-09	90	889	3.83	0.08	84.97
71	SAG-HFS-147	SAG, Bidaj	18-Dec-10	113	1074	3.67	0.12	88.30
72	SAG-HFS-610	SAG, Bidaj	21-Oct-11	57	454	3.60	0.09	81.15
73	SAG-HFS-98	SAG, Bidaj	7-Sep-05	92	792	3.52	-0.13	86.50
74	SAG-HFS-114	SAG, Bidaj	23-Aug-05	19	194	3.41	0.01	72.13
75	SAG-HFS-617	SAG, Bidaj	19-Oct-12	42	239	3.20	0.07	77.37
76	SAG-HFS-124	SAG, Bidaj	21-Oct-05	142	1419	2.90	-0.02	89.24
77	SAG-HFG-19	SAG, Bidaj	21-Jul-09	112	1106	2.83	0.02	88.32
78	SAG-HFS-81	SAG, Bidaj	24-Nov-03	12	87	2.62	-0.14	71.38
79	DSU-CBHF-16	DSU, Dama	5-Jan-12	30	224	2.34	0.07	74.57
80	DUR-CBHF-216	PSK, Jagudan	10-Jul-11	66	627	2.07	0.11	82.89
81	ABC-CB-362	ABC, Salon	1-Oct-08	111	1087	1.97	-0.01	86.93
82	SAG-HFS-46	SAG, Bidaj	20-May-03	213	2139	1.81	-0.01	92.66
83	ABC-CB-561	ABC, Salon	20-Dec-09	60	510	1.78	0.07	81.33
84	DSU-CBHF-10	DSU, Dama	11-Apr-09	68	622	1.65	0.13	84.06

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV Protein yld	GEBV Protein %	REL
85	SAG-HFG-13	SAG, Bidaj	22-Mar-07	146	1408	1.44	0.05	90.43
86	SAG-HFS-612	SAG, Bidaj	4-Aug-12	39	245	1.36	0.09	78.72
87	SAG-HFK-22	SAG, Bidaj	10-Jul-09	166	1656	1.10	-0.02	90.80
88	SAG-HFS-141	SAG, Bidaj	11-Mar-08	96	957	0.94	-0.09	86.29
89	SAG-HFS-117	SAG, Bidaj	9-Aug-06	196	1913	0.93	-0.08	91.81
90	SAG-HFS-601	SAG, Bidaj	29-Dec-10	63	554	0.90	0.13	83.41
91	SAG-HFS-137	SAG, Bidaj	3-Dec-07	96	950	0.89	0.06	85.81
92	SAG-HFS-86	SAG, Bidaj	11-Aug-04	101	869	0.67	0.07	87.32
93	SAG-HFS-603	SAG, Bidaj	14-Jan-12	71	627	0.64	0.06	84.71
94	SAG-HFS-116	SAG, Bidaj	24-Apr-06	97	896	0.22	0.03	86.43
95	SAG-HFS-94	SAG, Bidaj	4-Jan-04	88	715	0.20	0.05	85.88
96	SAG-HFG-24	SAG, Bidaj	30-May-10	94	903	0.19	0.03	86.65
97	SAG-HFS-101	SAG, Bidaj	21-Sep-05	99	820	0.11	-0.02	86.80
98	SAG-HFS-148	SAG, Bidaj	8-Nov-11	105	972	0.11	0.08	88.46
99	SAG-HFS-28	SAG, Bidaj	19-Sep-00	1	10	0.10	0.09	75.72
100	SAG-HFG-05	SAG, Bidaj	9-May-03	91	731	-0.16	-0.06	85.75
101	SAG-HFS-132	SAG, Bidaj	19-Feb-08	127	1289	-0.26	-0.07	88.73
102	ABC-CB-485	ABC, Salon	2-Oct-10	77	725	-0.29	0.15	85.73
103	SAG-HFS-138	SAG, Bidaj	16-Dec-08	103	1041	-0.38	0.04	87.40
104	DUR-CBHF-195	PSK, Jagudan	22-Mar-08	36	232	-0.40	0.08	72.56
105	DUR-CBHF-184	PSK, Jagudan	17-Dec-06	102	923	-0.98	0.16	87.66
106	DUR-CBHF-200	PSK, Jagudan	15-Apr-09	45	313	-0.99	0.07	74.69
107	SAG-HFK-18	SAG, Bidaj	31-Aug-08	159	1575	-1.15	-0.09	90.78
108	SAG-JANAK	SAG, Bidaj	15-Aug-89	9	71	-1.19	0.09	78.96
109	SAG-HFS-607	SAG, Bidaj	20-Feb-12	99	848	-1.45	0.10	89.08
110	SAG-HFS-154	SAG, Bidaj	21-Apr-12	103	934	-1.52	0.06	88.02
111	SAG-HFG-505	SAG, Bidaj	12-Jan-12	32	210	-2.14	0.24	73.81

<b>Sr. No.</b>	<b>Bull ID</b>	<b>Semen station</b>	<b>DOB</b>	<b>No. of daughters used for analysis</b>	<b>No. of records used for analysis</b>	<b>GEBV Protein yld</b>	<b>GEBV Protein %</b>	<b>REL</b>
112	SAG-HFS-91	SAG, Bidaj	17-Oct-04	85	725	-2.15	0.01	86.18
113	DSU-CBHF-14	DSU, Dama	14-Sep-10	66	579	-2.23	0.03	82.59
114	SAG-HFG-12	SAG, Bidaj	10-Jun-07	176	1697	-2.65	0.00	92.27
115	ABC-CB-434	ABC, Salon	30-Jan-09	150	1495	-2.76	-0.04	90.33
116	SAG-HFS-605	SAG, Bidaj	18-Dec-11	71	605	-2.80	0.10	84.06
117	SAG-HX-10003	SAG, Bidaj	6-Nov-12	25	145	-2.85	0.07	71.17
118	SAG-HFS-129	SAG, Bidaj	4-Nov-07	105	983	-2.91	0.00	89.21
119	SAG-HFS-113	SAG, Bidaj	8-Sep-05	116	1166	-3.06	0.06	89.94
120	SAG-HFG-17	SAG, Bidaj	7-Feb-09	139	1397	-3.09	0.01	88.74
121	SAG-HFK-17	SAG, Bidaj	7-Feb-09	132	1313	-3.21	-0.13	89.58
122	SAG-HFK-23	SAG, Bidaj	10-Jan-09	58	481	-3.42	0.11	82.31
123	SAG-HFS-609	SAG, Bidaj	13-Aug-12	63	463	-3.45	0.17	83.17
124	SAG-HFG-506	SAG, Bidaj	12-Aug-12	55	384	-3.64	0.16	79.69
125	SAG-HFS-126	SAG, Bidaj	25-Jul-06	109	1055	-3.64	0.04	87.84
126	DSU-CBHF-18	DSU, Dama	25-Oct-11	44	316	-3.87	0.15	78.82
127	SAG-HFS-84	SAG, Bidaj	24-Dec-03	94	772	-4.05	0.13	87.91
128	SAG-HFG-501	SAG, Bidaj	3-Jan-12	31	208	-4.08	0.01	71.74
129	SAG-HFS-115	SAG, Bidaj	15-Feb-06	89	862	-4.32	-0.01	85.60
130	ABC-CB-353	ABC, Salon	4-Apr-06	120	1145	-4.47	0.04	89.12
131	DUR-CBHF-205	PSK, Jagudan	1-Mar-10	33	187	-4.57	0.14	71.11
132	SAG-HFK-15	SAG, Bidaj	21-Dec-05	121	1161	-5.05	-0.07	88.38
133	ABC-CB-314	ABC, Salon	1-Sep-06	111	1078	-5.12	0.04	87.40
134	ABC-CB-330	ABC, Salon	20-Dec-06	102	1006	-5.17	0.03	87.08
135	SAG-HFS-103	SAG, Bidaj	31-Aug-05	117	1150	-5.22	-0.11	88.43
136	SAG-HFG-10	SAG, Bidaj	16-Sep-07	118	1130	-5.58	0.08	88.65
137	SAG-HFS-602	SAG, Bidaj	7-Sep-11	75	548	-5.93	0.11	84.40
138	SAG-HFG-14	SAG, Bidaj	13-May-08	204	2033	-6.05	-0.02	93.22

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV Protein yld	GEBV Protein %	REL
139	SAG-BILLU	SAG, Bidaj	18-Jul-97	0	0	-7.00	0.11	76.50
140	DUR-CBHF-213	PSK, Jagudan	9-Apr-11	33	226	-7.02	0.08	75.12
141	SAG-HFK-13	SAG, Bidaj	17-May-04	117	1112	-7.07	-0.07	88.16
142	SAG-HFS-613	SAG, Bidaj	12-Feb-12	38	264	-7.50	0.05	75.78
143	SAG-HFK-20	SAG, Bidaj	15-Dec-05	149	1453	-7.68	0.02	89.59
144	SAG-HFS-620	SAG, Bidaj	4-May-12	42	248	-7.70	0.06	74.99
145	SAG-HFS-119	SAG, Bidaj	2-Sep-06	116	1091	-7.82	-0.05	88.41
146	DUR-CBHF-211	PSK, Jagudan	27-Oct-10	94	760	-8.18	0.20	87.26
147	SAG-HFK-27	SAG, Bidaj	24-Sep-11	62	535	-8.35	-0.02	82.54
148	SAG-HFS-140	SAG, Bidaj	28-Jul-09	97	941	-8.46	-0.02	87.25
149	ABC-CB-484	ABC, Salon	25-Sep-10	95	861	-8.93	0.09	87.07
150	ABC-CB-336	ABC, Salon	13-Nov-07	69	657	-8.98	0.08	83.99
151	SAG-HFG-504	SAG, Bidaj	20-Dec-11	59	482	-9.12	0.16	82.18
152	DSU-CBHF-13	DSU, Dama	25-Aug-10	106	965	-9.30	0.06	88.40
153	ABC-CB-480	ABC, Salon	22-May-10	97	917	-9.51	0.07	87.40
154	DSU-CBHF-8	DSU, Dama	25-Nov-08	26	158	-9.54	0.05	73.18
155	ABC-CB-230	ABC, Salon	4-Aug-05	112	1068	-9.68	-0.08	87.83
156	SAG-HFG-502	SAG, Bidaj	15-May-12	86	754	-9.89	0.09	85.92
157	SAG-HFG-11	SAG, Bidaj	10-Oct-07	107	1072	-11.38	-0.02	87.82
158	ABC-CB-418	ABC, Salon	29-Sep-09	104	1011	-12.43	-0.01	87.24
159	DUR-CBHF-197	PSK, Jagudan	11-Dec-08	52	429	-12.84	0.02	77.95
160	SAG-HFK-09	SAG, Bidaj	25-Jan-04	55	441	-12.87	0.14	80.86
161	SAG-HFS-153	SAG, Bidaj	29-Jul-11	111	993	-13.41	0.00	88.51
162	SAG-HFS-127	SAG, Bidaj	3-Apr-06	126	1189	-13.56	0.00	88.21
163	SAG-HFK-14	SAG, Bidaj	17-Apr-06	120	1142	-16.08	-0.12	88.25
164	SAG-HFS-143	SAG, Bidaj	1-Oct-09	174	1655	-16.09	-0.06	90.89
165	ABC-CB-453	ABC, Salon	6-Jan-09	133	1289	-18.62	0.03	89.22

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV Protein yld	GEBV Protein %	REL
166	SAG-HFG-18	SAG, Bidaj	1-Aug-08	126	1226	-22.88	-0.09	88.17

Trait : 305 Day Solid Not Fat (SNF) Yield  
Species : Cattle  
Breed: Holstein Crossbred  
Date of estimation: 30-Nov-19

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV SNF Yld	GEBV SNF %	REL
1	DUR-CBHF-203	PSK, Jagudan	21-Feb-10	70	612	63.52	0.25	83.48
2	SAG-HFS-120	SAG, Bidaj	26-Sep-06	114	1075	62.90	-0.03	88.72
3	SAG-HFS-95	SAG, Bidaj	7-May-05	93	782	60.93	-0.13	87.11
4	SAG-HFG-16	SAG, Bidaj	17-Dec-08	133	1322	54.56	-0.01	90.00
5	SAG-HX-10001	SAG, Bidaj	23-Jan-13	36	241	54.07	0.44	77.42
6	ABC-CB-340	ABC, Salon	3-Aug-08	100	950	43.99	0.13	88.13
7	ULD-CB-850	DFSPC, Rishikesh	19-Jan-05	47	366	42.61	0.07	77.90
8	SAG-HFS-131	SAG, Bidaj	2-Mar-08	81	801	42.57	-0.02	86.13
9	SAG-HFS-83	SAG, Bidaj	21-Dec-03	98	830	42.40	0.15	88.16
10	SAG-HX-10005	SAG, Bidaj	24-May-13	24	134	39.17	-0.01	71.22
11	SAG-HFS-102	SAG, Bidaj	13-Feb-05	75	729	38.81	0.03	86.82
12	SAG-HFG-26	SAG, Bidaj	14-Oct-11	65	557	34.49	0.09	84.44
13	SAG-HFS-149	SAG, Bidaj	23-Jan-11	97	954	33.30	-0.04	88.02
14	SAG-HFG-23	SAG, Bidaj	17-Feb-10	77	767	32.87	0.19	85.36
15	DUR-CBHF-215	PSK, Jagudan	24-Sep-11	59	477	32.40	0.20	81.13

<b>Sr. No.</b>	<b>Bull ID</b>	<b>Semen station</b>	<b>DOB</b>	<b>No. of daughters used for analysis</b>	<b>No. of records used for analysis</b>	<b>GEBV SNF Yld</b>	<b>GEBV SNF %</b>	<b>REL</b>
16	SAG-HFS-79	SAG, Bidaj	28-Feb-04	68	594	31.12	0.09	83.74
17	SAG-HFS-85	SAG, Bidaj	18-Jan-04	69	589	31.05	0.18	84.55
18	DUR-CBHF-210	PSK, Jagudan	3-Dec-10	52	357	30.38	0.13	79.47
19	SAG-HFS-108	SAG, Bidaj	7-Feb-05	135	1176	29.84	0.16	89.98
20	SAG-HFS-123	SAG, Bidaj	1-Jan-06	145	1425	28.91	0.13	90.10
21	ABC-CB-244	ABC, Salon	23-Jan-05	94	889	28.73	0.07	87.49
22	SAG-HFS-87	SAG, Bidaj	19-May-04	69	562	26.99	-0.20	83.89
23	SAG-HFS-128	SAG, Bidaj	15-Jan-08	83	851	26.84	-0.07	83.77
24	DUR-CBHF-198	PSK, Jagudan	15-Jan-09	76	650	26.80	0.16	84.25
25	SAG-HFS-66	SAG, Bidaj	19-Sep-03	84	710	26.65	0.28	86.47
26	DUR-CBHF-206	PSK, Jagudan	5-Jun-10	52	364	26.54	0.20	78.96
27	SAG-HFG-20	SAG, Bidaj	1-Sep-10	79	742	26.21	-0.09	85.03
28	ABC-CB-379	ABC, Salon	13-May-07	79	760	25.43	0.00	86.57
29	SAG-HFS-608	SAG, Bidaj	4-Nov-11	65	528	25.10	0.30	84.14
30	SAG-HFK-11	SAG, Bidaj	6-Sep-04	102	855	25.06	0.07	88.18
31	DUR-CBHF-193	PSK, Jagudan	18-Dec-07	46	390	24.16	0.22	77.78
32	SAG-HFS-155	SAG, Bidaj	2-Sep-11	99	861	24.15	0.09	88.15
33	SAG-HFS-151	SAG, Bidaj	24-Mar-11	109	1025	23.55	0.19	89.16
34	SAG-HFG-25	SAG, Bidaj	14-Jun-11	120	1132	22.72	0.28	89.65
35	SAG-HFS-146	SAG, Bidaj	16-Sep-09	84	820	22.26	0.08	86.10
36	DUR-CBHF-207	PSK, Jagudan	6-Jul-12	32	241	22.05	0.33	72.11
37	SAG-HFS-121	SAG, Bidaj	26-Mar-07	143	1358	21.51	-0.07	90.86
38	SAG-HFS-616	SAG, Bidaj	31-Jul-12	41	278	21.42	0.20	77.07
39	DSU-CBHF-9	DSU, Dama	10-Apr-10	83	752	21.13	0.18	86.00
40	DUR-CBHF-202	PSK, Jagudan	9-Dec-09	69	603	21.12	0.20	83.52
41	SAG-HFS-145	SAG, Bidaj	28-Aug-10	100	1011	20.99	0.10	88.36



Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV SNF Yld	GEBV SNF %	REL
42	SAG-HFS-100	SAG, Bidaj	26-Jul-05	77	632	20.89	0.14	85.82
43	SAG-HFG-503	SAG, Bidaj	23-Sep-11	38	299	20.34	0.31	78.09
44	DUR-CBHF-194	PSK, Jagudan	13-Mar-08	43	286	20.13	0.27	78.87
45	SAG-HFS-611	SAG, Bidaj	11-Sep-12	42	298	19.99	0.39	79.91
46	ABC-CB-477	ABC, Salon	12-Mar-10	79	741	19.68	0.11	86.32
47	SAG-HFS-144	SAG, Bidaj	1-Jan-10	123	1198	18.76	0.06	89.93
48	SAG-HFS-125	SAG, Bidaj	20-May-06	98	951	18.63	-0.12	89.57
49	SAG-HFS-70	SAG, Bidaj	8-Jul-03	136	1264	18.24	-0.02	90.02
50	DUR-CBHF-192	PSK, Jagudan	24-Nov-07	41	296	18.03	0.28	76.09
51	SAG-HFS-122	SAG, Bidaj	11-Sep-07	124	1191	16.97	0.04	89.25
52	SAG-HFS-606	SAG, Bidaj	12-Mar-12	90	733	16.18	0.27	86.80
53	SAG-BIPUL	SAG, Bidaj	17-Jul-97	0	0	16.08	-0.40	73.34
54	SAG-NEELKANTH	SAG, Bidaj	15-May-90	4	35	16.04	0.04	77.70
55	SAG-HFG-22	SAG, Bidaj	17-Jun-10	171	1739	16.00	0.05	91.64
56	ABC-CB-381	ABC, Salon	2-Aug-07	83	758	15.25	0.08	87.42
57	SAG-HFS-134	SAG, Bidaj	1-May-08	155	1516	15.20	0.04	91.30
58	ABC-CB-240	ABC, Salon	14-Apr-04	80	777	14.51	-0.04	86.07
59	SAG-HFK-25	SAG, Bidaj	5-Jul-10	62	603	14.36	0.12	84.25
60	SAG-BHAGAT	SAG, Bidaj	8-Aug-96	0	0	13.69	-0.15	70.24
61	SAG-HFS-610	SAG, Bidaj	21-Oct-11	57	454	13.40	0.09	82.17
62	ULD-CB-860	DFSPC, Rishikesh	12-Dec-05	47	410	13.23	0.29	78.45
63	SAG-HFS-147	SAG, Bidaj	18-Dec-10	113	1074	13.20	0.18	88.91
64	SAG-BOSS	SAG, Bidaj	1-Aug-97	0	0	13.01	-0.17	73.13
65	ABC-CB-454	ABC, Salon	23-Mar-09	90	889	12.90	0.09	85.69
66	SAG-HFS-80	SAG, Bidaj	15-Jun-04	109	892	12.89	0.41	88.04
67	ABC-CB-528	ABC, Salon	9-Jul-10	64	544	12.87	0.28	84.19

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV SNF Yld	GEBV SNF %	REL
68	ABC-CB-417	ABC, Salon	2-Aug-09	116	1159	12.83	0.13	88.63
69	SAG-HFG-15	SAG, Bidaj	27-Jul-08	136	1362	11.97	0.08	90.52
70	DUR-CBHF-212	PSK, Jagudan	15-Jan-11	39	276	11.77	0.35	75.47
71	SAG-HFS-36	SAG, Bidaj	21-Jan-02	119	1172	11.59	-0.11	89.70
72	SAG-HFS-617	SAG, Bidaj	19-Oct-12	42	239	11.46	0.08	78.75
73	SAG-HFS-130	SAG, Bidaj	5-Jun-05	121	1157	9.90	0.06	88.52
74	SAG-HFG-19	SAG, Bidaj	21-Jul-09	112	1106	9.65	-0.02	88.91
75	ABC-CB-183	ABC, Salon	3-Jul-03	131	1272	9.57	0.10	89.61
76	SAG-HFS-114	SAG, Bidaj	23-Aug-05	19	194	9.47	0.00	72.74
77	DSU-CBHF-15	DSU, Dama	15-Aug-10	58	401	9.12	-0.07	80.82
78	DSU-CBHF-10	DSU, Dama	11-Apr-09	68	622	8.80	0.17	84.83
79	DUR-CBHF-216	PSK, Jagudan	10-Jul-11	66	627	7.85	0.19	83.73
80	ABC-CB-561	ABC, Salon	20-Dec-09	60	510	7.64	0.08	82.26
81	DSU-CBHF-16	DSU, Dama	5-Jan-12	30	224	7.39	0.13	75.70
82	SAG-HFS-137	SAG, Bidaj	3-Dec-07	96	950	6.24	0.01	86.47
83	SAG-HFS-28	SAG, Bidaj	19-Sep-00	1	10	5.98	0.03	76.11
84	SAG-HFS-46	SAG, Bidaj	20-May-03	213	2139	4.90	-0.04	93.04
85	SAG-HFS-612	SAG, Bidaj	4-Aug-12	39	245	4.84	0.18	79.82
86	ABC-CB-362	ABC, Salon	1-Oct-08	111	1087	4.63	0.00	87.58
87	SAG-HFG-13	SAG, Bidaj	22-Mar-07	146	1408	4.54	0.10	90.91
88	SAG-HFS-138	SAG, Bidaj	16-Dec-08	103	1041	4.50	-0.09	88.01
89	SAG-HFS-98	SAG, Bidaj	7-Sep-05	92	791	4.17	-0.16	87.16
90	SAG-HFS-124	SAG, Bidaj	21-Oct-05	142	1418	4.08	0.06	89.78
91	SAG-HFS-86	SAG, Bidaj	11-Aug-04	101	869	3.72	0.12	87.99
92	SAG-HFK-22	SAG, Bidaj	10-Jul-09	166	1656	3.46	-0.07	91.26
93	SAG-HFS-601	SAG, Bidaj	29-Dec-10	63	554	2.76	0.32	84.25

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV SNF Yld	GEBV SNF %	REL
94	SAG-HFS-603	SAG, Bidaj	14-Jan-12	71	627	2.74	0.11	85.46
95	SAG-HFS-116	SAG, Bidaj	24-Apr-06	97	896	2.52	0.00	87.11
96	SAG-HFS-101	SAG, Bidaj	21-Sep-05	99	820	2.26	-0.11	87.50
97	SAG-HFS-81	SAG, Bidaj	24-Nov-03	12	87	2.11	-0.19	72.28
98	SAG-HFS-148	SAG, Bidaj	8-Nov-11	105	972	1.66	0.16	89.02
99	ABC-CB-485	ABC, Salon	2-Oct-10	77	725	1.20	0.31	86.42
100	DUR-CBHF-184	PSK, Jagudan	17-Dec-06	102	923	0.76	0.29	88.33
101	SAG-HFS-141	SAG, Bidaj	11-Mar-08	96	957	0.62	-0.15	86.95
102	SAG-HFS-607	SAG, Bidaj	20-Feb-12	99	848	0.62	0.11	89.63
103	DUR-CBHF-195	PSK, Jagudan	22-Mar-08	36	232	0.52	0.16	74.19
104	SAG-HFS-619	SAG, Bidaj	24-Feb-12	29	169	0.08	0.25	70.03
105	DUR-CBHF-200	PSK, Jagudan	15-Apr-09	45	313	-0.32	0.10	76.16
106	SAG-HFG-24	SAG, Bidaj	30-May-10	94	903	-0.43	0.12	87.33
107	SAG-HFG-505	SAG, Bidaj	12-Jan-12	32	210	-0.64	0.46	75.17
108	SAG-HFS-117	SAG, Bidaj	9-Aug-06	196	1913	-1.58	-0.06	92.24
109	SAG-HFS-154	SAG, Bidaj	21-Apr-12	103	934	-2.21	0.10	88.64
110	SAG-HFS-94	SAG, Bidaj	4-Jan-04	88	714	-2.39	0.24	86.61
111	SAG-HX-10003	SAG, Bidaj	6-Nov-12	25	145	-2.61	0.00	72.62
112	SAG-JANAK	SAG, Bidaj	15-Aug-89	9	71	-3.23	0.24	79.54
113	SAG-HFG-05	SAG, Bidaj	9-May-03	91	730	-3.78	-0.04	86.52
114	SAG-HFS-132	SAG, Bidaj	19-Feb-08	127	1289	-4.16	-0.06	89.28
115	SAG-HFS-605	SAG, Bidaj	18-Dec-11	71	605	-4.54	0.15	84.91
116	SAG-HFS-609	SAG, Bidaj	13-Aug-12	63	463	-5.14	0.29	84.09
117	SAG-HFS-91	SAG, Bidaj	17-Oct-04	85	725	-5.83	0.03	86.89
118	SAG-HFK-23	SAG, Bidaj	10-Jan-09	58	481	-5.95	0.17	83.23
119	DSU-CBHF-14	DSU, Dama	14-Sep-10	66	579	-6.04	0.09	83.49

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV SNF Yld	GEBV SNF %	REL
120	ABC-CB-434	ABC, Salon	30-Jan-09	150	1495	-6.88	-0.12	90.82
121	DUR-CBHF-205	PSK, Jagudan	1-Mar-10	33	187	-6.92	0.19	72.94
122	SAG-HFG-506	SAG, Bidaj	12-Aug-12	55	384	-6.96	0.32	80.84
123	SAG-HFS-615	SAG, Bidaj	25-Nov-12	29	177	-7.22	0.26	71.12
124	SAG-HFK-18	SAG, Bidaj	31-Aug-08	159	1575	-7.25	-0.06	91.24
125	SAG-HFG-17	SAG, Bidaj	7-Feb-09	139	1397	-7.79	0.02	89.28
126	DSU-CBHF-18	DSU, Dama	25-Oct-11	44	316	-8.03	0.31	79.94
127	ABC-CB-353	ABC, Salon	4-Apr-06	120	1145	-9.18	0.02	89.69
128	SAG-HFG-12	SAG, Bidaj	10-Jun-07	176	1697	-9.50	0.11	92.65
129	SAG-HFS-113	SAG, Bidaj	8-Sep-05	116	1166	-9.76	0.22	90.37
130	SAG-HFS-129	SAG, Bidaj	4-Nov-07	105	983	-9.83	0.09	89.68
131	ABC-CB-314	ABC, Salon	1-Sep-06	111	1078	-11.49	0.04	88.03
132	SAG-HFS-126	SAG, Bidaj	25-Jul-06	109	1055	-11.77	0.18	88.45
133	SAG-HFS-115	SAG, Bidaj	15-Feb-06	89	862	-11.81	0.00	86.27
134	SAG-HFK-17	SAG, Bidaj	7-Feb-09	132	1313	-12.92	-0.15	90.09
135	SAG-BILLU	SAG, Bidaj	18-Jul-97	0	0	-13.37	0.10	77.08
136	SAG-HFS-84	SAG, Bidaj	24-Dec-03	94	772	-13.54	0.45	88.49
137	SAG-HFG-501	SAG, Bidaj	3-Jan-12	31	208	-13.71	0.14	73.16
138	SAG-HFS-602	SAG, Bidaj	7-Sep-11	75	548	-13.86	0.23	85.36
139	SAG-HFG-10	SAG, Bidaj	16-Sep-07	118	1130	-14.10	0.21	89.21
140	ABC-CB-330	ABC, Salon	20-Dec-06	102	1006	-14.79	0.14	87.73
141	DUR-CBHF-211	PSK, Jagudan	27-Oct-10	94	760	-15.34	0.30	87.99
142	SAG-HFK-15	SAG, Bidaj	21-Dec-05	121	1161	-16.14	-0.05	88.94
143	SAG-HFS-103	SAG, Bidaj	31-Aug-05	117	1150	-16.52	-0.15	89.00
144	SAG-HFS-620	SAG, Bidaj	4-May-12	42	248	-16.99	0.04	76.55
145	SAG-HFS-613	SAG, Bidaj	12-Feb-12	38	264	-18.36	0.10	77.11

<b>Sr. No.</b>	<b>Bull ID</b>	<b>Semen station</b>	<b>DOB</b>	<b>No. of daughters used for analysis</b>	<b>No. of records used for analysis</b>	<b>GEBV SNF Yld</b>	<b>GEBV SNF %</b>	<b>REL</b>
146	DUR-CBHF-213	PSK, Jagudan	9-Apr-11	33	226	-18.52	0.23	76.25
147	SAG-HFG-14	SAG, Bidaj	13-May-08	204	2033	-18.67	0.08	93.54
148	SAG-HFK-20	SAG, Bidaj	15-Dec-05	149	1453	-19.85	0.06	90.13
149	ABC-CB-336	ABC, Salon	13-Nov-07	69	657	-20.11	0.08	84.68
150	SAG-HFG-504	SAG, Bidaj	20-Dec-11	59	482	-20.60	0.31	83.13
151	SAG-HFK-13	SAG, Bidaj	17-May-04	117	1112	-21.20	-0.07	88.73
152	ABC-CB-484	ABC, Salon	25-Sep-10	95	861	-21.43	0.16	87.73
153	SAG-HFK-27	SAG, Bidaj	24-Sep-11	62	535	-21.68	-0.05	83.41
154	DSU-CBHF-13	DSU, Dama	25-Aug-10	106	965	-22.71	0.10	88.99
155	SAG-HFS-119	SAG, Bidaj	2-Sep-06	116	1091	-22.92	-0.02	89.01
156	ABC-CB-480	ABC, Salon	22-May-10	97	917	-23.06	0.13	88.04
157	SAG-HFG-502	SAG, Bidaj	15-May-12	86	754	-23.65	0.15	86.69
158	SAG-HFS-140	SAG, Bidaj	28-Jul-09	97	941	-24.16	0.05	87.89
159	DSU-CBHF-8	DSU, Dama	25-Nov-08	26	158	-25.56	0.18	74.55
160	SAG-HFK-09	SAG, Bidaj	25-Jan-04	55	440	-29.74	0.22	81.79
161	ABC-CB-230	ABC, Salon	4-Aug-05	112	1068	-30.55	0.03	88.45
162	SAG-HFG-11	SAG, Bidaj	10-Oct-07	107	1072	-31.50	0.04	88.40
163	DUR-CBHF-197	PSK, Jagudan	11-Dec-08	52	429	-31.94	0.02	79.13
164	ABC-CB-418	ABC, Salon	29-Sep-09	104	1011	-32.42	-0.01	87.86
165	SAG-HFS-153	SAG, Bidaj	29-Jul-11	111	993	-33.34	-0.05	89.11
166	SAG-HFS-127	SAG, Bidaj	3-Apr-06	126	1189	-38.19	0.14	88.80
167	SAG-HFS-143	SAG, Bidaj	1-Oct-09	174	1655	-42.75	-0.09	91.37
168	SAG-HFK-14	SAG, Bidaj	17-Apr-06	120	1142	-47.63	-0.01	88.84
169	ABC-CB-453	ABC, Salon	6-Jan-09	133	1289	-49.13	0.15	89.78
170	SAG-HFG-18	SAG, Bidaj	1-Aug-08	126	1226	-62.61	-0.04	88.77

Trait : Open Period (Days)  
 Species : Cattle  
 Breed: Holstein Crossbred  
 Date of estimation: 30-Nov-2019

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	Avg Open Period Days	GEBV Open Period	REL
1	DUR-CBHF-210	PSK, Jagudan	3-Dec-10	9	9	89.78	-41.97	32.88
2	SAG-HFG-504	SAG, Bidaj	20-Dec-11	22	22	104.18	-38.78	55.61
3	DUR-CBHF-193	PSK, Jagudan	18-Dec-07	19	22	113.14	-37.14	50.30
4	DUR-CBHF-205	PSK, Jagudan	1-Mar-10	5	5	77.40	-36.64	23.06
5	SAG-HFS-613	SAG, Bidaj	12-Feb-12	10	10	92.40	-36.32	36.87
6	DSU-CBHF-18	DSU, Dama	25-Oct-11	15	15	97.07	-35.84	41.71
7	DUR-CBHF-194	PSK, Jagudan	13-Mar-08	10	10	105.10	-34.16	35.62
8	SAG-HFS-616	SAG, Bidaj	31-Jul-12	13	13	104.15	-32.80	42.11
9	SAG-HFG-505	SAG, Bidaj	12-Jan-12	7	7	99.29	-29.59	35.78
10	DUR-CBHF-197	PSK, Jagudan	11-Dec-08	19	20	114.65	-28.86	48.36
11	SAG-HFS-153	SAG, Bidaj	29-Jul-11	53	66	122.83	-28.53	75.45
12	SAG-HFG-503	SAG, Bidaj	23-Sep-11	12	13	106.08	-28.12	45.36
13	SAG-HFG-506	SAG, Bidaj	12-Aug-12	18	18	110.44	-27.92	46.02
14	DUR-CBHF-198	PSK, Jagudan	15-Jan-09	36	39	118.95	-27.58	64.40
15	SAG-HFK-23	SAG, Bidaj	10-Jan-09	22	23	104.91	-27.51	58.67
16	SAG-HFG-26	SAG, Bidaj	14-Oct-11	36	40	118.65	-27.37	64.48
17	DUR-CBHF-195	PSK, Jagudan	22-Mar-08	6	6	121.00	-26.02	27.26
18	ABC-CB-561	ABC, Salon	20-Dec-09	24	25	120.04	-25.79	53.91
19	SAG-MAHADEV	SAG, Bidaj	17-May-90	28	53	124.58	-25.73	72.94
20	SAG-HFK-25	SAG, Bidaj	5-Jul-10	28	37	124.16	-25.58	65.28

<b>Sr. No.</b>	<b>Bull ID</b>	<b>Semen station</b>	<b>DOB</b>	<b>No. of daughters used for analysis</b>	<b>No. of records used for analysis</b>	<b>Avg Open Period Days</b>	<b>GEBV Open Period</b>	<b>REL</b>
21	SAG-HFS-610	SAG, Bidaj	21-Oct-11	27	29	121.41	-25.47	59.88
22	SAG-HFS-148	SAG, Bidaj	8-Nov-11	47	64	125.20	-25.07	75.51
23	DUR-CBHF-184	PSK, Jagudan	17-Dec-06	57	65	124.69	-24.69	74.40
24	SAG-HFS-619	SAG, Bidaj	24-Feb-12	4	4	81.75	-24.68	23.50
25	ULD-CB-850	DFSPC, Rishikesh	19-Jan-05	20	20	116.75	-24.66	48.73
26	ABC-CB-528	ABC, Salon	9-Jul-10	31	38	125.71	-24.56	65.77
27	SAG-HFG-501	SAG, Bidaj	3-Jan-12	8	8	103.75	-23.94	37.78
28	SAG-HFS-612	SAG, Bidaj	4-Aug-12	6	6	110.33	-23.65	30.42
29	SAG-HFS-32	SAG, Bidaj	17-Jun-01	7	14	117.93	-23.49	47.37
30	DUR-CBHF-192	PSK, Jagudan	24-Nov-07	10	10	138.80	-23.28	35.61
31	ABC-CB-484	ABC, Salon	25-Sep-10	44	51	125.41	-23.20	71.59
32	SAG-HFG-502	SAG, Bidaj	15-May-12	44	50	128.86	-23.12	70.95
33	SAG-BHAVESH	SAG, Bidaj	30-Jul-92	10	15	118.80	-22.84	42.92
34	DUR-CBHF-200	PSK, Jagudan	15-Apr-09	13	13	108.77	-22.36	37.88
35	SAG-HFS-611	SAG, Bidaj	11-Sep-12	8	8	108.88	-21.80	28.28
36	SAG-HFS-140	SAG, Bidaj	28-Jul-09	60	96	124.61	-21.05	80.25
37	DSU-CBHF-8	DSU, Dama	25-Nov-08	7	7	101.71	-20.64	25.22
38	SAG-HFK-27	SAG, Bidaj	24-Sep-11	21	26	121.23	-20.26	55.91
39	DSU-CBHF-15	DSU, Dama	15-Aug-10	10	10	107.20	-19.72	35.91
40	DUR-CBHF-211	PSK, Jagudan	27-Oct-10	42	44	133.98	-19.43	67.23
41	SAG-HFS-605	SAG, Bidaj	18-Dec-11	39	43	124.98	-19.28	68.55
42	SAG-HFS-615	SAG, Bidaj	25-Nov-12	5	5	98.20	-18.89	30.24
43	SAG-HFS-147	SAG, Bidaj	18-Dec-10	61	84	128.68	-18.63	78.93
44	DUR-CBHF-215	PSK, Jagudan	24-Sep-11	29	30	133.43	-17.95	58.97
45	ABC-CB-485	ABC, Salon	2-Oct-10	45	54	132.76	-17.79	72.47
46	SAG-HX-10003	SAG, Bidaj	6-Nov-12	6	6	100.67	-17.38	36.21

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47	SAG-HX-10007	SAG, Bidaj	25-Feb-13	1	1	67.00	-16.87	21.35
48	SAG-HX-10012	SAG, Bidaj	22-Jul-13	3	3	70.00	-16.52	29.04
49	SAG-HFS-603	SAG, Bidaj	14-Jan-12	33	34	134.41	-16.24	62.09
50	ABC-CB-453	ABC, Salon	6-Jan-09	64	90	132.92	-15.76	79.00
51	DUR-CBHF-213	PSK, Jagudan	9-Apr-11	7	7	117.57	-15.49	28.74
52	SAG-HFS-145	SAG, Bidaj	28-Aug-10	56	79	134.05	-15.46	77.45
53	DSU-CBHF-9	DSU, Dama	10-Apr-10	39	51	131.86	-15.41	70.07
54	SAG-HFS-35	SAG, Bidaj	9-Feb-01	7	9	116.00	-15.37	37.77
55	SAG-HFS-13	SAG, Bidaj	20-Nov-98	5	10	91.80	-15.09	33.78
56	SAG-HFG-11	SAG, Bidaj	10-Oct-07	64	95	128.60	-14.82	80.19
57	SAG-HFS-617	SAG, Bidaj	19-Oct-12	3	3	68.00	-14.45	27.91
58	DUR-CBHF-219	PSK, Jagudan	18-Feb-12	1	1	83.00	-14.18	10.98
59	SAG-HX-10001	SAG, Bidaj	23-Jan-13	9	9	101.78	-13.66	39.99
60	DUR-CBHF-202	PSK, Jagudan	9-Dec-09	30	33	134.97	-13.54	60.27
61	DUR-CBHF-206	PSK, Jagudan	5-Jun-10	10	10	122.30	-13.51	32.27
62	ULD-CB-860	DFSPC, Rishikesh	12-Dec-05	22	23	131.48	-12.98	51.75
63	SAG-HFK-18	SAG, Bidaj	31-Aug-08	126	220	130.95	-12.70	89.23
64	SAG-HFK-20	SAG, Bidaj	15-Dec-05	108	183	129.53	-12.20	87.45
65	DSU-CBHF-10	DSU, Dama	11-Apr-09	35	43	131.58	-12.10	65.74
66	SAG-HFS-134	SAG, Bidaj	1-May-08	101	155	131.59	-12.00	86.20
67	DUR-CBHF-212	PSK, Jagudan	15-Jan-11	14	14	134.29	-11.58	42.11
68	DSU-CBHF-13	DSU, Dama	25-Aug-10	45	55	135.80	-11.34	71.39
69	SAG-HFS-609	SAG, Bidaj	13-Aug-12	11	12	135.50	-11.10	38.48
70	SAG-BIKEN	SAG, Bidaj	6-Apr-95	17	29	121.72	-10.99	65.52
71	ABC-CB-314	ABC, Salon	1-Sep-06	57	86	131.59	-10.89	78.28
72	SAG-HIMMAT	SAG, Bidaj	12-Oct-88	10	15	125.13	-10.55	38.92



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73	ABC-CB-418	ABC, Salon	29-Sep-09	70	102	136.32	-10.36	80.78
74	DUR-CBHF-207	PSK, Jagudan	6-Jul-12	7	7	132.29	-10.16	25.84
75	ABC-CB-512	ABC, Salon	13-Sep-11	1	1	108.00	-9.82	7.85
76	ABC-CB-511	ABC, Salon	8-Jul-11	1	1	102.00	-9.68	7.90
77	SAG-HFK-13	SAG, Bidaj	17-May-04	88	156	126.61	-9.52	85.60
78	ABC-CB-240	ABC, Salon	14-Apr-04	42	55	136.98	-9.51	70.60
79	SAG-BITTU	SAG, Bidaj	25-Jul-98	13	16	115.38	-9.43	43.05
80	SAG-JIGAR	SAG, Bidaj	3-Feb-01	95	136	143.26	-9.37	85.03
81	SAG-NEELKANTH	SAG, Bidaj	15-May-90	10	19	118.79	-9.35	75.01
82	SAG-HFS-09	SAG, Bidaj	26-Mar-97	20	27	130.41	-9.35	57.61
83	ABC-CB-529	ABC, Salon	25-Sep-11	1	1	53.00	-9.16	24.73
84	DUR-CBHF-217	PSK, Jagudan	30-Dec-11	6	7	135.00	-8.99	27.53
85	DUR-CBHF-216	PSK, Jagudan	10-Jul-11	39	42	137.24	-8.56	65.86
86	SAG-HFS-137	SAG, Bidaj	3-Dec-07	65	112	133.13	-8.29	81.54
87	SAG-HFS-155	SAG, Bidaj	2-Sep-11	40	45	138.58	-8.25	68.92
88	ABC-CB-533	ABC, Salon	19-Nov-11	1	1	53.00	-8.18	22.69
89	DSU-CBHF-16	DSU, Dama	5-Jan-12	8	8	128.50	-8.12	27.72
90	SAG-HFS-39	SAG, Bidaj	8-Aug-02	17	33	129.64	-7.95	61.34
91	ABC-CB-381	ABC, Salon	2-Aug-07	39	46	137.98	-7.88	67.63
92	ABC-CB-340	ABC, Salon	3-Aug-08	55	78	139.10	-7.85	76.87
93	SAG-BAKUL	SAG, Bidaj	10-Jul-94	5	8	94.38	-7.71	32.64
94	SAG-HFS-602	SAG, Bidaj	7-Sep-11	17	17	133.88	-7.63	49.04
95	ABC-CB-230	ABC, Salon	4-Aug-05	64	93	134.06	-7.47	79.54
96	SAG-HFS-606	SAG, Bidaj	12-Mar-12	33	34	145.38	-7.37	64.34
97	ABC-CB-480	ABC, Salon	22-May-10	40	46	141.17	-7.19	69.50
98	ABC-CB-379	ABC, Salon	13-May-07	38	50	133.06	-6.85	71.33

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99	ABC-CB-353	ABC, Salon	4-Apr-06	62	81	142.06	-6.67	78.95
100	SAG-BHAVIK	SAG, Bidaj	26-May-90	12	15	127.13	-6.48	58.14
101	SAG-HFS-618	SAG, Bidaj	2-Jul-12	2	2	109.00	-6.46	25.42
102	SAG-HFS-607	SAG, Bidaj	20-Feb-12	40	45	140.18	-6.39	70.73
103	SAG-HFS-151	SAG, Bidaj	24-Mar-11	49	63	140.24	-6.01	73.56
104	SAG-BOON	SAG, Bidaj	4-Mar-98	19	26	124.88	-5.95	55.15
105	SAG-HFG-23	SAG, Bidaj	17-Feb-10	37	48	133.75	-5.46	68.09
106	SAG-BILLU	SAG, Bidaj	18-Jul-97	52	74	135.62	-5.33	78.96
107	SAG-BHAGWAN	SAG, Bidaj	16-Apr-96	11	16	117.25	-4.76	39.53
108	SAG-HFS-119	SAG, Bidaj	2-Sep-06	89	164	128.90	-4.75	86.31
109	SAG-HFK-22	SAG, Bidaj	10-Jul-09	91	150	133.70	-4.57	85.62
110	SAG-HFG-14	SAG, Bidaj	13-May-08	132	210	136.30	-4.45	88.97
111	SAG-HFS-143	SAG, Bidaj	1-Oct-09	94	141	137.35	-4.39	85.38
112	SAG-HFS-620	SAG, Bidaj	4-May-12	2	2	157.50	-4.33	32.69
113	ABC-CB-183	ABC, Salon	3-Jul-03	75	115	135.07	-4.32	82.08
114	SAG-HFS-20	SAG, Bidaj	3-May-98	11	14	123.29	-4.29	40.67
115	SAG-HFS-36	SAG, Bidaj	21-Jan-02	92	158	132.73	-3.30	86.32
116	SAG-HFG-22	SAG, Bidaj	17-Jun-10	95	133	140.80	-3.01	84.92
117	SAG-HX-10005	SAG, Bidaj	24-May-13	3	3	88.67	-2.93	28.37
118	SAG-HFS-04	SAG, Bidaj	10-Aug-97	1	1	154.00	-2.79	16.45
119	SAG-HFS-15	SAG, Bidaj	30-Nov-98	10	14	109.50	-2.74	44.56
120	ABC-CB-330	ABC, Salon	20-Dec-06	59	88	139.11	-2.41	78.52
121	SAG-HFS-28	SAG, Bidaj	19-Sep-00	7	11	112.91	-2.09	56.64
122	SAG-HFS-154	SAG, Bidaj	21-Apr-12	47	58	142.55	-1.92	72.37
123	SAG-HOMY	SAG, Bidaj	18-Mar-91	1	1	86.00	-1.65	7.72
124	ABC-CB-524	ABC, Salon	2-Oct-11	1	1	82.00	-1.51	24.64

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125	SAG-HFS-144	SAG, Bidaj	1-Jan-10	62	84	138.17	-1.51	79.64
126	ABC-CB-696	ABC, Salon	8-Apr-09	1	1	120.00	-1.23	4.59
127	SAG-BAKER	SAG, Bidaj	6-Nov-96	26	39	118.77	-0.95	62.67
128	SAG-HFS-21	SAG, Bidaj	1-Jun-99	6	9	125.11	-0.61	35.90
129	ABC-CB-477	ABC, Salon	12-Mar-10	37	42	147.43	-0.30	65.96
130	SAG-HFG-25	SAG, Bidaj	14-Jun-11	60	72	142.64	-0.09	77.15
131	SAG-BORIS	SAG, Bidaj	28-Jun-97	25	44	146.82	-0.08	74.73
132	SAG-BOTHAM	SAG, Bidaj	6-Oct-97	26	34	129.62	-0.06	61.40
133	SAG-HAMIR	SAG, Bidaj	17-Nov-97	19	27	129.37	0.10	54.99
134	SAG-HEMANT	SAG, Bidaj	15-Aug-89	1	1	88.00	0.23	10.49
135	SAG-HFS-46	SAG, Bidaj	20-May-03	107	170	138.81	0.25	87.16
136	SAG-HFK-14	SAG, Bidaj	17-Apr-06	88	154	133.34	0.46	85.54
137	SAG-HFG-15	SAG, Bidaj	27-Jul-08	97	168	134.95	0.64	86.46
138	DSU-CBHF-14	DSU, Dama	14-Sep-10	22	23	150.17	0.67	53.41
139	SAG-HARSHAD	SAG, Bidaj	3-Nov-91	3	4	144.75	0.68	21.50
140	SAG-HFS-24	SAG, Bidaj	17-Dec-99	9	13	126.92	0.71	54.32
141	SAG-HFS-01	SAG, Bidaj	27-Feb-98	15	19	117.21	0.75	52.28
142	SAG-HFS-22	SAG, Bidaj	6-Feb-01	9	15	120.93	0.88	41.50
143	SAG-HFG-16	SAG, Bidaj	17-Dec-08	87	142	137.75	0.97	84.82
144	SAG-HFS-141	SAG, Bidaj	11-Mar-08	58	84	138.49	0.99	78.77
145	SAG-HFS-601	SAG, Bidaj	29-Dec-10	25	26	139.81	1.07	57.53
146	SAG-HFS-115	SAG, Bidaj	15-Feb-06	50	78	135.79	1.42	76.02
147	SAG-HFS-129	SAG, Bidaj	4-Nov-07	83	128	134.40	1.61	84.23
148	SAG-HFS-23	SAG, Bidaj	19-Jan-01	6	8	128.88	1.80	38.90
149	SAG-HFG-03	SAG, Bidaj	1-Jan-03	20	29	134.90	1.93	58.56
150	ABC-CB-362	ABC, Salon	1-Oct-08	63	101	140.24	2.00	80.43

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151	ABC-CB-434	ABC, Salon	30-Jan-09	90	134	142.87	2.06	84.72
152	SAG-BHAV	SAG, Bidaj	19-Jul-94	9	16	124.56	2.06	37.67
153	SAG-JANAK	SAG, Bidaj	15-Aug-89	30	59	138.86	2.59	78.69
154	SAG-JAY	SAG, Bidaj	30-Oct-00	6	8	138.50	2.71	36.39
155	SAG-HX-10004	SAG, Bidaj	5-Dec-12	1	1	65.00	2.76	23.15
156	ABC-CB-336	ABC, Salon	13-Nov-07	31	39	142.46	2.88	63.25
157	SAG-HFS-138	SAG, Bidaj	16-Dec-08	59	95	143.43	3.07	79.70
158	SAG-HFS-25	SAG, Bidaj	25-Jan-00	12	15	135.87	3.26	44.29
159	ABC-CB-454	ABC, Salon	23-Mar-09	54	76	143.11	3.46	76.28
160	SAG-HFS-128	SAG, Bidaj	15-Jan-08	52	80	137.03	3.55	77.31
161	SAG-BIPIN	SAG, Bidaj	29-Feb-92	2	4	97.75	3.61	16.68
162	SAG-HIREN	SAG, Bidaj	16-Mar-85	1	1	199.00	3.89	24.07
163	SAG-NIRAV	SAG, Bidaj	26-Mar-94	36	74	132.18	4.00	79.57
164	SAG-HARI	SAG, Bidaj	15-Oct-91	6	7	151.57	4.02	42.10
165	SAG-HFK-15	SAG, Bidaj	21-Dec-05	69	127	134.20	4.18	83.03
166	DUR-CBHF-203	PSK, Jagudan	21-Feb-10	20	20	159.20	4.28	49.70
167	SAG-HFS-103	SAG, Bidaj	31-Aug-05	89	152	136.51	4.36	85.94
168	SAG-HFS-604	SAG, Bidaj	2-Jan-11	1	1	151.00	4.39	23.53
169	SAG-HARDIK	SAG, Bidaj	17-Feb-93	15	21	123.67	4.46	54.72
170	SAG-HFS-56	SAG, Bidaj	26-May-03	16	32	120.38	5.06	54.78
171	SAG-HFG-17	SAG, Bidaj	7-Feb-09	88	143	142.95	5.14	84.91
172	SAG-HFS-52	SAG, Bidaj	30-Dec-02	2	4	82.25	5.48	27.58
173	SAG-HFS-116	SAG, Bidaj	24-Apr-06	65	120	135.10	5.58	82.03
174	SAG-HS-10621	SAG, Bidaj	2-Oct-12	2	2	102.50	5.63	27.69
175	SAG-HFS-127	SAG, Bidaj	3-Apr-06	99	168	137.03	5.66	87.03
176	SAG-HONEY	SAG, Bidaj	8-Sep-89	1	1	93.00	5.85	8.41

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177	SAG-HFS-120	SAG, Bidaj	26-Sep-06	82	145	137.74	6.11	85.52
178	ABC-CB-417	ABC, Salon	2-Aug-09	66	100	140.89	6.21	81.04
179	SAG-BRIJESH	SAG, Bidaj	6-Nov-94	16	27	127.93	6.22	61.38
180	SAG-HX-10006	SAG, Bidaj	31-Jan-13	2	2	86.00	6.27	26.91
181	SAG-HFG-18	SAG, Bidaj	1-Aug-08	84	125	142.59	6.30	84.09
182	SAG-BALDEV	SAG, Bidaj	8-Aug-94	3	3	146.67	6.46	20.59
183	SAG-HFG-04	SAG, Bidaj	2-Oct-02	25	46	133.89	6.47	66.50
184	SAG-HFG-12	SAG, Bidaj	10-Jun-07	122	197	141.51	6.49	88.50
185	SAG-NEERAJ	SAG, Bidaj	26-Aug-96	46	75	142.44	6.68	78.20
186	SAG-NIRAJ	SAG, Bidaj	26-Aug-96	46	75	142.44	6.68	78.20
187	SAG-HFS-608	SAG, Bidaj	4-Nov-11	17	17	155.18	6.70	49.18
188	SAG-HFS-126	SAG, Bidaj	25-Jul-06	77	135	137.43	6.92	84.14
189	ABC-CB-244	ABC, Salon	23-Jan-05	49	55	152.80	7.09	73.08
190	SAG-HFG-24	SAG, Bidaj	30-May-10	47	59	144.80	7.47	73.94
191	SAG-HFS-122	SAG, Bidaj	11-Sep-07	71	110	136.14	7.55	81.95
192	SAG-HFS-91	SAG, Bidaj	17-Oct-04	92	157	134.21	7.61	86.07
193	SAG-HFS-113	SAG, Bidaj	8-Sep-05	70	109	142.36	7.80	81.40
194	SAG-HFS-102	SAG, Bidaj	13-Feb-05	28	41	145.66	7.96	63.43
195	SAG-HFS-124	SAG, Bidaj	21-Oct-05	95	153	137.50	8.05	85.97
196	SAG-NAYAN	SAG, Bidaj	30-Jan-01	10	18	140.39	8.06	47.82
197	SAG-HFS-60	SAG, Bidaj	24-Feb-03	14	19	130.58	9.50	49.65
198	SAG-HFS-132	SAG, Bidaj	19-Feb-08	89	140	143.35	10.44	85.27
199	SAG-HFS-117	SAG, Bidaj	9-Aug-06	138	242	140.78	10.47	89.99
200	SAG-HFK-16	SAG, Bidaj	15-May-08	4	7	152.43	10.56	30.40
201	SAG-HFS-146	SAG, Bidaj	16-Sep-09	41	56	147.39	11.07	70.85
202	SAG-HFS-149	SAG, Bidaj	23-Jan-11	48	66	147.41	11.21	75.18

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203	SAG-HFG-20	SAG, Bidaj	1-Sep-10	54	75	148.59	11.21	77.13
204	SAG-HEVAN	SAG, Bidaj	6-Aug-90	3	4	142.75	11.76	16.50
205	SAG-HFS-125	SAG, Bidaj	20-May-06	62	96	143.04	11.85	80.82
206	SAG-HFS-130	SAG, Bidaj	5-Jun-05	89	146	139.86	12.36	84.98
207	SAG-HFS-81	SAG, Bidaj	24-Nov-03	17	26	132.12	12.61	59.08
208	SAG-HFS-68	SAG, Bidaj	28-Mar-03	24	39	123.90	12.62	64.02
209	SAG-BANKIM	SAG, Bidaj	12-Sep-94	10	13	127.62	12.85	35.27
210	SAG-BHARGAV	SAG, Bidaj	11-Jan-93	2	5	153.00	12.86	53.66
211	SAG-BHAGIRATH	SAG, Bidaj	26-Jan-93	2	3	172.00	12.93	11.70
212	SAG-HFS-74	SAG, Bidaj	26-Aug-03	7	8	134.63	14.04	36.10
213	SAG-HFS-131	SAG, Bidaj	2-Mar-08	44	55	154.55	14.27	71.71
214	SAG-HFS-49	SAG, Bidaj	18-Nov-02	9	13	135.54	14.36	43.50
215	SAG-BIKU	SAG, Bidaj	4-May-97	24	38	136.84	14.38	61.03
216	SAG-BONY	SAG, Bidaj	6-Jul-97	20	30	139.33	14.45	60.08
217	SAG-HFS-64	SAG, Bidaj	10-Apr-03	18	27	137.67	14.48	57.58
218	SAG-HFS-53	SAG, Bidaj	28-Oct-02	11	16	141.06	14.49	48.51
219	SAG-HFG-13	SAG, Bidaj	22-Mar-07	100	178	147.17	14.76	87.42
220	SAG-BADAL	SAG, Bidaj	26-Feb-92	3	5	156.00	15.56	21.48
221	SAG-HFK-17	SAG, Bidaj	7-Feb-09	123	191	147.41	15.71	88.09
222	SAG-NEHAL	SAG, Bidaj	16-Dec-93	61	106	144.87	15.84	81.03
223	SAG-HFS-101	SAG, Bidaj	21-Sep-05	85	157	138.55	15.90	85.55
224	SAG-HFS-48	SAG, Bidaj	30-Dec-02	19	31	137.32	16.18	59.93
225	SAG-HFK-09	SAG, Bidaj	25-Jan-04	67	118	138.24	16.54	82.49
226	SAG-HFS-17	SAG, Bidaj	27-Nov-98	15	23	152.13	17.01	53.49
227	SAG-HFS-87	SAG, Bidaj	19-May-04	75	140	137.94	17.64	84.61
228	SAG-BIPUL	SAG, Bidaj	17-Jul-97	15	22	150.05	17.71	72.84

<b>Sr. No.</b>	<b>Bull ID</b>	<b>Semen station</b>	<b>DOB</b>	<b>No. of daughters used for analysis</b>	<b>No. of records used for analysis</b>	<b>Avg Open Period Days</b>	<b>GEBV Open Period</b>	<b>REL</b>
229	SAG-HFS-10	SAG, Bidaj	4-Jul-98	8	13	158.08	18.21	41.99
230	SAG-HFS-92	SAG, Bidaj	23-Mar-04	8	16	136.69	20.08	49.78
231	SAG-HFS-114	SAG, Bidaj	23-Aug-05	13	19	157.11	20.46	54.25
232	SAG-HFS-82	SAG, Bidaj	1-Dec-03	16	25	129.40	21.00	55.21
233	SAG-BIDUR	SAG, Bidaj	16-May-97	10	13	145.85	21.21	40.26
234	SAG-HFG-10	SAG, Bidaj	16-Sep-07	80	134	146.45	21.40	84.16
235	SAG-BHOLU	SAG, Bidaj	11-Jul-97	21	35	136.63	21.49	60.51
236	SAG-MAHA	SAG, Bidaj	12-Jul-95	20	28	156.07	22.10	58.95
237	SAG-HFS-121	SAG, Bidaj	26-Mar-07	121	204	147.62	22.70	89.02
238	SAG-HFS-40	SAG, Bidaj	7-Mar-02	11	13	158.92	23.52	39.35
239	SAG-HFG-19	SAG, Bidaj	21-Jul-09	46	61	158.49	23.55	73.23
240	SAG-HFK-10	SAG, Bidaj	16-May-02	23	33	149.79	23.56	63.52
241	SAG-BRAMHA	SAG, Bidaj	20-Jun-96	20	35	141.83	24.08	57.47
242	SAG-HFS-65	SAG, Bidaj	8-Jul-03	33	63	137.17	24.14	72.97
243	SAG-HFS-66	SAG, Bidaj	19-Sep-03	90	142	142.38	24.54	85.28
244	SAG-HFS-100	SAG, Bidaj	26-Jul-05	67	124	141.43	25.34	83.03
245	SAG-HFS-55	SAG, Bidaj	24-Dec-02	19	30	138.93	26.11	56.05
246	SAG-HFS-80	SAG, Bidaj	15-Jun-04	97	180	144.01	26.25	86.97
247	SAG-HFS-95	SAG, Bidaj	7-May-05	102	160	145.98	26.48	86.49
248	SAG-HFS-69	SAG, Bidaj	22-Oct-02	21	38	139.89	26.68	64.24
249	SAG-HFG-05	SAG, Bidaj	9-May-03	70	121	150.74	26.88	83.10
250	SAG-HFS-45	SAG, Bidaj	23-Dec-00	34	53	150.91	26.89	69.65
251	SAG-HFG-02	SAG, Bidaj	24-Jan-03	20	38	159.76	26.93	63.95
252	SAG-HFS-03	SAG, Bidaj	7-Aug-97	13	15	156.13	27.02	43.43
253	SAG-HFS-50	SAG, Bidaj	15-Oct-02	29	45	141.96	27.18	66.59
254	SAG-BOSS	SAG, Bidaj	1-Aug-97	21	24	135.96	27.85	74.85

<b>Sr. No.</b>	<b>Bull ID</b>	<b>Semen station</b>	<b>DOB</b>	<b>No. of daughters used for analysis</b>	<b>No. of records used for analysis</b>	<b>Avg Open Period Days</b>	<b>GEBV Open Period</b>	<b>REL</b>
255	SAG-HFS-85	SAG, Bidaj	18-Jan-04	65	115	145.28	27.95	82.07
256	SAG-HFK-11	SAG, Bidaj	6-Sep-04	101	178	144.46	27.98	87.20
257	SAG-NARAD	SAG, Bidaj	4-Feb-97	6	8	176.38	29.44	40.98
258	SAG-HFS-70	SAG, Bidaj	8-Jul-03	90	161	147.81	29.84	86.16
259	SAG-HFS-59	SAG, Bidaj	25-Apr-02	13	19	139.42	30.09	49.90
260	SAG-BHANU	SAG, Bidaj	4-Jun-96	20	27	154.37	32.30	73.22
261	SAG-HFS-94	SAG, Bidaj	4-Jan-04	73	120	149.47	32.75	83.06
262	SAG-HFS-47	SAG, Bidaj	9-Sep-02	28	43	153.09	33.00	63.01
263	SAG-HFS-86	SAG, Bidaj	11-Aug-04	76	139	151.29	36.93	84.36
264	SAG-BHAGAT	SAG, Bidaj	8-Aug-96	11	20	144.90	37.01	70.33
265	SAG-BHUSHAN	SAG, Bidaj	8-Aug-96	7	8	176.00	38.43	29.80
266	SAG-HFS-98	SAG, Bidaj	7-Sep-05	89	159	148.55	38.83	85.91
267	SAG-HFS-123	SAG, Bidaj	1-Jan-06	89	154	158.69	38.98	85.44
268	SAG-HFS-84	SAG, Bidaj	24-Dec-03	108	193	151.41	39.75	87.75
269	SAG-HFS-51	SAG, Bidaj	6-Oct-02	22	33	155.45	41.20	61.82
270	SAG-HFS-108	SAG, Bidaj	7-Feb-05	110	180	156.48	43.02	87.47
271	SAG-HFS-63	SAG, Bidaj	6-Jan-03	25	47	149.72	43.89	67.98
272	SAG-BINDU	SAG, Bidaj	21-Jul-96	19	29	146.24	46.06	68.65
273	SAG-HFS-83	SAG, Bidaj	21-Dec-03	83	140	152.93	46.86	84.84
274	SAG-HFS-79	SAG, Bidaj	28-Feb-04	58	97	162.22	52.12	79.80



Trait :

Species :

Breed:

Date of estimation:

Average Conception Rate:

Service Sire Conception Rate

Cattle

Holstein Crossbred

15-Sept-19

47.4%

Sr. No.	Bull id	SS	DOB	AI	Conceptions	SSCR	Rel
1	ABC-HK-20770	ABC	23-Jan-14	1296	740	8%	97%
2	ABC-CB-577	ABC	6-Jan-12	910	498	8%	96%
3	ABC-HS-20761	ABC	14-Aug-14	1229	655	8%	97%
4	SAG-HX-10019	SAGB	13-Jan-13	1348	717	7%	97%
5	SAG-HX-10036	SAGB	1-Jan-16	1227	643	7%	97%
6	SAG-HS-10634	SAGB	14-Sep-14	1113	568	7%	97%
7	ALM-HG-40008	ALAM	26-Jun-12	1266	668	7%	97%
8	SAG-HK-10028	SAGB	27-Nov-13	1384	782	7%	97%
9	SAG-HG-10510	SAGB	3-Feb-14	1228	652	7%	97%
10	SAG-HS-10630	SAGB	7-Nov-14	1127	607	7%	97%
11	SAG-HG-10509	SAGB	26-Apr-14	1069	574	7%	97%
12	ABC-HG-20772	ABC	21-Aug-13	1461	745	7%	97%
13	SAG-HS-10648	SAGB	22-Nov-15	1302	713	6%	97%
14	SAG-HX-10034	SAGB	29-Apr-15	1132	572	6%	97%
15	SAG-HX-10035	SAGB	8-Mar-15	1342	705	6%	97%
16	ALM-HS-40003	ALAM	5-Feb-12	1154	605	6%	97%
17	SAG-HG-10515	SAGB	4-Dec-14	1175	559	6%	97%
18	SAG-HS-10635	SAGB	25-Oct-14	1156	603	6%	97%
19	SAG-HG-10512	SAGB	3-Oct-14	1311	667	6%	97%
20	ULD-HFGR-870	RISH	25-Nov-12	1310	701	6%	97%
21	SAG-HS-10633	SAGB	16-Oct-14	1219	595	5%	97%
22	SAG-HS-10637	SAGB	30-Apr-15	1243	629	5%	97%
23	SAG-HS-10625	SAGB	3-Mar-13	1248	666	5%	97%

Sr. No.	Bull id	SS	DOB	AI	Conceptions	SSCR	Rel
24	SAG-HX-10030	SAGB	12-Jul-15	1237	642	5%	97%
25	SAG-HX-10023	SAGB	24-Jan-14	1185	605	5%	97%
26	SAG-HX-10042	SAGB	27-May-15	1216	594	5%	97%
27	SAG-HS-10629	SAGB	8-Feb-14	1224	604	5%	97%
28	SAG-HG-10511	SAGB	21-Feb-14	1265	633	5%	97%
29	SAG-HG-10516	SAGB	1-Feb-15	1329	695	5%	97%
30	SAG-HX-10040	SAGB	25-Oct-15	1137	541	5%	97%
31	SAG-HX-10041	SAGB	8-Apr-15	1276	637	4%	97%
32	SAG-HG-10517	SAGB	7-Jan-15	1200	600	4%	97%
33	SAG-HX-10027	SAGB	13-Sep-14	1302	660	4%	97%
34	ALM-HS-40057	ALAM	1-Feb-12	1438	717	4%	97%
35	SAG-HX-10014	SAGB	18-Nov-13	1198	634	4%	97%
36	ABC-HS-20814	ABC	4-Aug-14	1284	663	4%	97%
37	ABC-HG-20856	ABC	14-Oct-14	1227	635	4%	97%
38	ALM-HX-40015	ALAM	3-Sep-13	1154	578	4%	97%
39	SAG-HX-10032	SAGB	5-Jan-15	1056	499	4%	97%
40	SAG-HS-10628	SAGB	28-Aug-14	1363	668	4%	97%
41	ALM-HX-40012	ALAM	25-Mar-14	1177	591	3%	97%
42	SAG-HS-10627	SAGB	14-Feb-14	1255	610	3%	97%
43	SAG-HS-10622	SAGB	27-Nov-13	1237	608	3%	97%
44	SAG-HX-10039	SAGB	19-Feb-15	1169	543	3%	97%
45	ABC-HS-20730	ABC	28-May-13	1296	653	3%	97%
46	SAG-HX-10038	SAGB	22-Oct-15	1319	647	3%	97%
47	SAG-HX-10016	SAGB	12-Jan-13	1298	645	3%	97%
48	SAG-HX-10024	SAGB	30-Apr-14	1151	572	3%	97%
49	SAG-HX-10037	SAGB	12-Jun-15	1339	655	3%	97%
50	ABC-HG-20778	ABC	7-Mar-14	1125	521	3%	97%
51	SAG-HX-10017	SAGB	12-Apr-13	1360	693	3%	97%
52	ABC-HS-20813	ABC	3-Aug-14	1176	566	3%	97%

Sr. No.	Bull id	SS	DOB	AI	Conceptions	SSCR	Rel
53	ULD-HFGR-910	RISH	26-Jan-13	1307	653	3%	97%
54	SAG-HX-10026	SAGB	21-Sep-14	1227	638	3%	97%
55	SAG-HG-10513	SAGB	9-Sep-13	1202	553	3%	97%
56	SAG-HG-10518	SAGB	14-Sep-14	1217	573	3%	97%
57	SAG-HX-10047	SAGB	22-Mar-16	1198	589	3%	97%
58	SAG-HS-10638	SAGB	14-Jun-15	1175	570	3%	97%
59	ULD-HFGR-940	RISH	5-Jul-13	1420	702	3%	97%
60	SAG-HS-10641	SAGB	11-Jan-15	1167	530	2%	97%
61	SAG-HS-10640	SAGB	3-Jul-15	1122	511	2%	97%
62	SAG-HS-10623	SAGB	24-Nov-13	1258	597	2%	97%
63	SAG-HX-10020	SAGB	28-Oct-13	1186	568	2%	97%
64	SAG-HG-10519	SAGB	25-Mar-15	1317	619	2%	97%
65	SAG-HX-10025	SAGB	22-Feb-14	1053	507	2%	97%
66	SAG-HS-10624	SAGB	15-Sep-13	1163	564	2%	97%
67	SAG-HX-10043	SAGB	21-Dec-15	1177	549	2%	97%
68	ABC-CB-534	ABC	21-Dec-11	954	447	2%	96%
69	SAG-HK-10029	SAGB	8-Jan-14	1271	581	2%	97%
70	SAG-HX-10015	SAGB	20-Nov-13	968	481	2%	96%
71	ALM-HS-40019	ALAM	18-Jan-14	1323	628	1%	97%
72	ALM-HX-40018	ALAM	7-Jan-14	1163	540	1%	97%
73	ULD-HFGR-885	RISH	20-Jun-13	1392	680	1%	97%
74	SAG-HS-10626	SAGB	23-Apr-14	1121	520	1%	97%
75	SAG-HS-10644	SAGB	3-Dec-15	849	385	1%	96%
76	ALM-HS-40011	ALAM	24-Mar-13	1096	499	1%	97%
77	SAG-HX-10028	SAGB	7-Jan-15	1286	607	1%	97%
78	ALM-HS-40001	ALAM	17-Aug-12	1220	574	1%	97%
79	SAG-HX-10045	SAGB	18-Dec-15	1253	596	1%	97%
80	SAG-HS-10639	SAGB	31-May-15	1207	571	1%	97%
81	ALM-HS-40006	ALAM	9-Aug-12	1252	604	1%	97%

Sr. No.	Bull id	SS	DOB	AI	Conceptions	SSCR	Rel
82	ULD-HFGR-955	RISH	19-May-14	1369	688	1%	97%
83	SAG-HFG-507	SAGB	29-Dec-11	765	373	0%	96%
84	SAG-HS-10650	SAGB	10-Jan-16	1340	599	0%	97%
85	SAG-HS-10642	SAGB	10-Oct-15	1261	554	0%	97%
86	SAG-HS-10632	SAGB	25-Sep-14	1420	674	0%	97%
87	ALM-HX-40013	ALAM	25-Apr-13	1262	616	0%	97%
88	SAG-HS-10646	SAGB	23-Nov-15	1259	573	0%	97%
89	SAG-HFG-08	SAGB	29-May-05	1120	539	0%	97%
90	SAG-HS-10636	SAGB	18-Mar-15	1403	664	0%	97%
91	ABC-CB-331	ABC	16-Feb-07	1147	500	-1%	97%
92	ABC-HG-20776	ABC	17-Oct-13	1239	541	-2%	97%
93	SAG-HX-10049	SAGB	9-Jan-16	1192	520	-2%	97%
94	SAG-HS-10631	SAGB	16-Aug-14	1289	537	-2%	97%
95	SAG-HS-10647	SAGB	10-Jul-15	1140	500	-2%	97%
96	SAG-HG-10514	SAGB	17-Nov-13	1049	429	-2%	97%
97	SAG-HS-10651	SAGB	30-Sep-15	1233	526	-3%	97%
98	ABC-HS-20792	ABC	25-Feb-14	1263	556	-3%	97%
99	SAG-HS-10643	SAGB	14-Oct-15	1348	564	-4%	97%
100	ULD-HFGR-965	RISH	1-Oct-14	943	399	-4%	96%
101	ABC-HG-20849	ABC	9-Oct-14	1089	456	-4%	97%
102	ABC-CB-478	ABC	31-Jan-11	899	394	-5%	96%
103	ALM-HS-40056	ALAM	31-May-11	1156	508	-5%	97%
104	SAG-HX-10044	SAGB	14-Nov-15	744	292	-7%	95%
105	ABC-HS-20721	ABC	28-May-14	1032	378	-8%	96%
106	SAG-HG-10522	SAGB	23-Jan-16	772	280	-9%	95%
107	ABC-HS-20975	ABC	2-Oct-15	764	289	-9%	96%
108	SAG-HS-10652	SAGB	31-Oct-15	1061	417	-9%	97%
109	ULD-HFND-960	RISH	8-Jun-14	951	313	-13%	96%
110	ULD-HFGR-875	RISH	20-Aug-12	1142	362	-15%	97%

