

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: 15 December 2021

Sr. No	Bull ID	Semen Station	Date of Birth	No of Daughters used in analysis	No of records used for analysis	GBV Milk Yield	REL
1	SAG-HX-10017	SAG, Bidaj	12-Apr-13	21	132	1123	73
2	SAG-HX-10028	SAG, Bidaj	07-Jan-15	22	115	927	72
3	SAG-HX-10030	SAG, Bidaj	12-Jul-15	21	128	811	72
4	DUR-CBHF-203	PSK, Jagudan	21-Feb-10	88	877	809	90
5	SAG-HFS-47	SAG, Bidaj	09-Sep-02	35	347	777	81
6	SAG-HFS-120	SAG, Bidaj	26-Sep-06	109	1098	768	90
7	SAG-HFS-95	SAG, Bidaj	07-May-05	105	1043	741	90
8	ALM-HX-40015	Alamadhi SS	03-Sep-13	47	341	721	84
9	SAG-HFG-16	SAG, Bidaj	17-Dec-08	135	1385	670	92
10	SAG-HX-10026	SAG, Bidaj	21-Sep-14	20	131	634	73
11	ABC-HG-20856	ABC, Salon	14-Oct-14	37	270	623	80
12	SAG-HS-10638	SAG, Bidaj	14-Jun-15	20	140	622	73
13	SAG-HFS-63	SAG, Bidaj	06-Jan-03	25	247	596	78
14	SAG-HFG-23	SAG, Bidaj	17-Feb-10	82	847	595	88
15	SAG-HFS-48	SAG, Bidaj	30-Dec-02	17	174	584	76
16	ABC-CB-340	ABC, Salon	03-Aug-08	102	1029	564	90
17	ALM-HS-40011	Alamadhi SS	24-Mar-13	35	275	562	81
18	SAG-HFS-83	SAG, Bidaj	21-Dec-03	117	1169	545	91
19	SAG-HX-10014	SAG, Bidaj	18-Nov-13	25	135	544	74
20	SAG-HFS-131	SAG, Bidaj	02-Mar-08	95	944	539	90
21	SAG-HX-10009	SAG, Bidaj	23-Jan-13	78	681	539	88
22	SAG-HX-10027	SAG, Bidaj	13-Sep-14	23	140	522	74
23	DUR-CBHF-207	PSK, Jagudan	06-Jul-12	70	680	522	87
24	SAG-HX-10019	SAG, Bidaj	13-Jan-13	68	593	514	87
25	SAG-HFS-108	SAG, Bidaj	07-Feb-05	138	1409	510	92
26	SAG-HFS-102	SAG, Bidaj	13-Feb-05	75	755	498	89
27	SAG-HX-10024	SAG, Bidaj	30-Apr-14	27	157	496	75
28	SAG-HX-10001	SAG, Bidaj	23-Jan-13	91	867	492	90
29	ULD-CB-850	DFSPC, Rishikesh.	19-Jan-05	74	700	492	88
30	SAG-HFS-79	SAG, Bidaj	28-Feb-04	79	811	436	88
31	SAG-HFS-611	SAG, Bidaj	11-Sep-12	95	879	434	90
32	ALM-HS-40019	Alamadhi SS	18-Jan-14	39	314	426	81
33	SAG-HFK-11	SAG, Bidaj	06-Sep-04	134	1349	425	92
34	SAG-HFS-85	SAG, Bidaj	18-Jan-04	79	809	416	88
35	ABC-CB-529	ABC, Salon	25-Sep-11	56	480	416	85

Sr. No	Bull ID	Semen Station	Date of Birth	No of Daughters used in analysis	No of records used for analysis	GBV Milk Yield	REL
36	SAG-HFS-100	SAG, Bidaj	26-Jul-05	84	856	414	89
37	SAG-HFS-66	SAG, Bidaj	19-Sep-03	97	990	410	90
38	SAG-HS-10635	SAG, Bidaj	25-Oct-14	22	174	407	75
39	SAG-HS-10621	SAG, Bidaj	02-Oct-12	67	572	401	87
40	SAG-HFG-26	SAG, Bidaj	14-Oct-11	88	875	396	89
41	SAG-HG-10512	SAG, Bidaj	03-Oct-14	20	131	391	73
42	SAG-HFS-123	SAG, Bidaj	01-Jan-06	138	1428	389	92
43	DUR-CBHF-215	PSK, Jagudan	24-Sep-11	90	844	388	90
44	SAG-HFS-149	SAG, Bidaj	23-Jan-11	99	1008	385	90
45	SAG-HFK-25	SAG, Bidaj	05-Jul-10	76	760	376	88
46	SAG-HS-10624	SAG, Bidaj	15-Sep-13	32	252	373	79
47	ABC-CB-244	ABC, Salon	23-Jan-05	100	995	371	90
48	SAG-HX-10004	SAG, Bidaj	05-Dec-12	51	422	370	84
49	SAG-HS-10633	SAG, Bidaj	16-Oct-14	44	294	360	83
50	SAG-JIGAR	SAG, Bidaj	03-Feb-01	18	163	345	82
51	DUR-CBHF-206	PSK, Jagudan	05-Jun-10	88	809	345	89
52	SAG-HS-10636	SAG, Bidaj	18-Mar-15	22	135	344	76
53	SAG-HFS-125	SAG, Bidaj	20-May-06	97	969	343	89
54	SAG-HX-10016	SAG, Bidaj	12-Jan-13	22	112	340	71
55	SAG-HFS-64	SAG, Bidaj	10-Apr-03	21	206	335	76
56	SAG-HG-10510	SAG, Bidaj	03-Feb-14	39	307	334	81
57	SAG-HS-10625	SAG, Bidaj	03-Mar-13	64	514	333	86
58	DUR-CBHF-193	PSK, Jagudan	18-Dec-07	64	602	330	86
59	SAG-HS-10629	SAG, Bidaj	08-Feb-14	25	142	327	77
60	SAG-HFS-146	SAG, Bidaj	16-Sep-09	92	943	326	89
61	SAG-HS-10626	SAG, Bidaj	23-Apr-14	30	274	321	79
62	ABC-HG-20772	ABC, Salon	21-Aug-13	54	382	313	85
63	ALM-HX-40013	Alamadhi SS	25-Apr-13	47	353	306	84
64	SAG-HFG-25	SAG, Bidaj	14-Jun-11	136	1347	306	92
65	SAG-HFS-608	SAG, Bidaj	04-Nov-11	81	794	304	89
66	SAG-HFG-20	SAG, Bidaj	01-Sep-10	80	799	302	88
67	SAG-HFS-616	SAG, Bidaj	31-Jul-12	95	886	299	90
68	ABC-CB-477	ABC, Salon	12-Mar-10	97	962	298	90
69	SAG-HFS-69	SAG, Bidaj	22-Oct-02	24	239	293	79
70	SAG-HFG-04	SAG, Bidaj	02-Oct-02	26	254	293	80
71	SAG-HFS-606	SAG, Bidaj	12-Mar-12	135	1320	290	92
72	SAG-HFS-80	SAG, Bidaj	15-Jun-04	144	1415	284	92
73	DSU-CBHF-9	Dama SPU	10-Apr-10	93	925	284	89
74	ALM-HS-40001	Alamadhi SS	17-Aug-12	46	354	283	85
75	SAG-HS-10632	SAG, Bidaj	25-Sep-14	25	156	282	76

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76	SAG-HFS-121	SAG, Bidaj	26-Mar-07	137	1396	281	93
77	ALM-HS-40006	Alamadhi SS	09-Aug-12	56	452	278	86
78	SAG-HFS-122	SAG, Bidaj	11-Sep-07	122	1240	278	91
79	DUR-CBHF-192	PSK, Jagudan	24-Nov-07	90	853	276	89
80	SAG-HX-10005	SAG, Bidaj	24-May-13	115	1091	271	91
81	ALM-HX-40018	Alamadhi SS	07-Jan-14	53	405	269	86
82	SAG-HFS-70	SAG, Bidaj	08-Jul-03	138	1427	266	91
83	SAG-HFS-87	SAG, Bidaj	19-May-04	81	811	263	88
84	ABC-HS-20814	ABC, Salon	04-Aug-14	28	175	261	77
85	DUR-CBHF-198	PSK, Jagudan	15-Jan-09	104	1020	253	90
86	SAG-HFG-508	SAG, Bidaj	24-Apr-12	35	286	250	80
87	SAG-HG-10516	SAG, Bidaj	01-Feb-15	26	167	249	77
88	ABC-CB-379	ABC, Salon	13-May-07	88	895	246	90
89	SAG-HFS-144	SAG, Bidaj	01-Jan-10	120	1201	242	92
90	SAG-HFS-130	SAG, Bidaj	05-Jun-05	113	1146	242	90
91	SAG-HFS-128	SAG, Bidaj	15-Jan-08	80	823	240	86
92	SAG-HFS-145	SAG, Bidaj	28-Aug-10	102	1037	240	90
93	SAG-HFS-151	SAG, Bidaj	24-Mar-11	114	1129	237	91
94	ALM-HS-40056	Alamadhi SS	31-May-11	47	377	236	83
95	ALM-HS-40057	Alamadhi SS	01-Feb-12	66	545	234	87
96	SAG-HFG-22	SAG, Bidaj	17-Jun-10	173	1784	228	93
97	SAG-HFG-503	SAG, Bidaj	23-Sep-11	72	664	222	88
98	ALM-HG-40008	Alamadhi SS	26-Jun-12	38	299	218	81
99	SAG-HFS-28	SAG, Bidaj	19-Sep-00	14	115	203	82
100	ULD-CB-860	DFSPC, Rishikesh.	12-Dec-05	68	670	200	87
101	SAG-HX-10015	SAG, Bidaj	20-Nov-13	47	406	199	83
102	SAG-HFS-36	SAG, Bidaj	21-Jan-02	114	1129	198	91
103	ABC-HS-20730	ABC, Salon	28-May-13	37	259	196	79
104	SAG-HX-10020	SAG, Bidaj	28-Oct-13	31	254	193	78
105	ABC-CB-695	ABC, Salon	10-Oct-09	79	701	192	88
106	ABC-CB-381	ABC, Salon	02-Aug-07	99	981	192	90
107	SAG-HK-10029	SAG, Bidaj	08-Jan-14	34	239	190	79
108	ABC-CB-524	ABC, Salon	02-Oct-11	66	550	181	87
109	SAG-HS-10628	SAG, Bidaj	28-Aug-14	27	171	180	77
110	SAG-HG-10513	SAG, Bidaj	09-Sep-13	35	227	178	80
111	DUR-CBHF-202	PSK, Jagudan	09-Dec-09	98	969	178	90
112	ABC-CB-417	ABC, Salon	02-Aug-09	114	1149	174	90
113	SAG-HFS-68	SAG, Bidaj	28-Mar-03	26	256	172	80
114	SAG-HFS-618	SAG, Bidaj	02-Jul-12	51	473	171	85
115	SAG-HX-10011	SAG, Bidaj	06-Jun-13	73	611	170	88

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116	SAG-HFS-82	SAG, Bidaj	01-Dec-03	23	222	166	76
117	SAG-HFS-147	SAG, Bidaj	18-Dec-10	122	1196	163	91
118	ABC-CB-240	ABC, Salon	14-Apr-04	96	965	160	90
119	ABC-CB-577	ABC, Salon	06-Jan-12	61	481	156	86
120	SAG-HFS-612	SAG, Bidaj	04-Aug-12	100	914	156	91
121	ABC-CB-183	ABC, Salon	03-Jul-03	126	1241	156	91
122	ALM-HS-40003	Alamadhi SS	05-Feb-12	42	294	154	81
123	SAG-HFS-601	SAG, Bidaj	29-Dec-10	80	823	153	89
124	SAG-HFS-137	SAG, Bidaj	03-Dec-07	96	974	151	89
125	SAG-HFS-619	SAG, Bidaj	24-Feb-12	79	725	150	88
126	SAG-HFS-86	SAG, Bidaj	11-Aug-04	115	1159	149	91
127	SAG-HFS-114	SAG, Bidaj	23-Aug-05	19	196	148	75
128	SAG-HFS-134	SAG, Bidaj	01-May-08	147	1498	148	93
129	SAG-HFS-124	SAG, Bidaj	21-Oct-05	138	1432	147	92
130	DSU-CBHF-10	Dama SPU	11-Apr-09	81	808	143	89
131	ABC-CB-454	ABC, Salon	23-Mar-09	89	892	140	88
132	SAG-HFG-15	SAG, Bidaj	27-Jul-08	129	1321	131	92
133	SAG-HFS-24	SAG, Bidaj	17-Dec-99	12	98	131	71
134	ABC-HK-20770	ABC, Salon	23-Jan-14	83	681	127	89
135	SAG-HG-10514	SAG, Bidaj	17-Nov-13	24	173	119	75
136	SAG-HFG-02	SAG, Bidaj	24-Jan-03	20	187	118	72
137	SAG-HFS-50	SAG, Bidaj	15-Oct-02	27	251	117	75
138	ALM-HX-40012	Alamadhi SS	25-Mar-14	46	408	111	84
139	SAG-HFS-610	SAG, Bidaj	21-Oct-11	91	839	109	90
140	SAG-HG-10509	SAG, Bidaj	26-Apr-14	57	464	109	85
141	SAG-HFS-55	SAG, Bidaj	24-Dec-02	19	189	108	77
142	SAG-HFS-155	SAG, Bidaj	02-Sep-11	131	1297	105	92
143	SAG-HFG-13	SAG, Bidaj	22-Mar-07	142	1446	100	92
144	ABC-CB-528	ABC, Salon	09-Jul-10	88	824	96	90
145	ABC-CB-696	ABC, Salon	08-Apr-09	108	983	94	91
146	SAG-HFS-94	SAG, Bidaj	04-Jan-04	108	1089	91	90
147	SAG-HFS-603	SAG, Bidaj	14-Jan-12	94	897	90	90
148	SAG-HFS-138	SAG, Bidaj	16-Dec-08	102	1050	89	90
149	SAG-HFS-98	SAG, Bidaj	07-Sep-05	118	1198	83	91
150	SAG-HFS-84	SAG, Bidaj	24-Dec-03	121	1215	81	92
151	SAG-HFS-46	SAG, Bidaj	20-May-03	210	2140	77	94
152	ABC-CB-561	ABC, Salon	20-Dec-09	71	683	72	87
153	ABC-CB-534	ABC, Salon	21-Dec-11	33	291	70	80
154	SAG-HX-10007	SAG, Bidaj	25-Feb-13	77	714	69	88
155	SAG-HFS-65	SAG, Bidaj	08-Jul-03	33	316	68	82

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156	SAG-HFS-615	SAG, Bidaj	25-Nov-12	87	817	68	89
157	DUR-CBHF-210	PSK, Jagudan	03-Dec-10	112	1050	61	91
158	DUR-CBHF-212	PSK, Jagudan	15-Jan-11	106	1010	57	91
159	SAG-HFS-25	SAG, Bidaj	25-Jan-00	18	162	57	77
160	DUR-CBHF-216	PSK, Jagudan	10-Jul-11	90	866	57	89
161	SAG-HFS-141	SAG, Bidaj	11-Mar-08	97	982	53	89
162	SAG-HFG-19	SAG, Bidaj	21-Jul-09	120	1196	52	92
163	ABC-CB-362	ABC, Salon	01-Oct-08	107	1066	48	89
164	SAG-HFS-148	SAG, Bidaj	08-Nov-11	117	1154	46	92
165	SAG-HFS-45	SAG, Bidaj	23-Dec-00	39	388	46	81
166	SAG-HFG-507	SAG, Bidaj	29-Dec-11	47	381	40	84
167	DUR-CBHF-194	PSK, Jagudan	13-Mar-08	72	683	38	87
168	DUR-CBHF-200	PSK, Jagudan	15-Apr-09	92	857	37	90
169	SAG-HFS-609	SAG, Bidaj	13-Aug-12	109	1057	31	91
170	SAG-HFS-101	SAG, Bidaj	21-Sep-05	113	1098	31	91
171	SAG-HFS-81	SAG, Bidaj	24-Nov-03	23	227	29	79
172	SAG-HFK-22	SAG, Bidaj	10-Jul-09	163	1653	29	93
173	SAG-HFS-117	SAG, Bidaj	09-Aug-06	184	1859	23	93
174	SAG-HFS-129	SAG, Bidaj	04-Nov-07	98	977	22	92
175	DSU-CBHF-16	Dama SPU	05-Jan-12	68	602	22	87
176	SAG-HFS-607	SAG, Bidaj	20-Feb-12	114	1087	18	92
177	SAG-HFS-154	SAG, Bidaj	21-Apr-12	117	1163	15	92
178	SAG-HFS-39	SAG, Bidaj	08-Aug-02	22	216	15	75
179	SAG-HFG-10	SAG, Bidaj	16-Sep-07	118	1221	10	91
180	ABC-CB-485	ABC, Salon	02-Oct-10	104	1026	8	91
181	SAG-HFS-116	SAG, Bidaj	24-Apr-06	99	1016	3	90
182	SAG-HFS-32	SAG, Bidaj	17-Jun-01	15	135	-4	73
183	SAG-HFS-113	SAG, Bidaj	08-Sep-05	116	1185	-6	90
184	ABC-CB-697	ABC, Salon	18-Sep-09	70	636	-12	87
185	SAG-HFS-132	SAG, Bidaj	19-Feb-08	115	1176	-15	91
186	SAG-HG-10515	SAG, Bidaj	04-Dec-14	28	179	-19	77
187	SAG-HFS-617	SAG, Bidaj	19-Oct-12	98	899	-21	90
188	SAG-HX-10012	SAG, Bidaj	22-Jul-13	74	665	-23	88
189	SAG-HS-10637	SAG, Bidaj	30-Apr-15	17	103	-26	71
190	ABC-CB-511	ABC, Salon	08-Jul-11	53	486	-28	84
191	DUR-CBHF-184	PSK, Jagudan	17-Dec-06	124	1230	-33	92
192	SAG-HG-10511	SAG, Bidaj	21-Feb-14	54	443	-37	85
193	ABC-CB-314	ABC, Salon	01-Sep-06	104	1036	-38	90
194	SAG-HFK-18	SAG, Bidaj	31-Aug-08	149	1474	-41	93
195	SAG-HFG-12	SAG, Bidaj	10-Jun-07	165	1685	-41	94

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196	SAG-HFS-126	SAG, Bidaj	25-Jul-06	102	1041	-44	90
197	ABC-CB-353	ABC, Salon	04-Apr-06	127	1262	-45	92
198	SAG-HFG-17	SAG, Bidaj	07-Feb-09	132	1341	-50	91
199	SAG-HFG-05	SAG, Bidaj	09-May-03	102	998	-61	90
200	SAG-HFG-24	SAG, Bidaj	30-May-10	96	945	-62	90
201	SAG-HFS-605	SAG, Bidaj	18-Dec-11	95	903	-63	90
202	ABC-CB-584	ABC, Salon	24-Oct-11	50	449	-70	84
203	SAG-HFG-506	SAG, Bidaj	12-Aug-12	87	821	-70	89
204	DSU-CBHF-14	Dama SPU	14-Sep-10	90	857	-71	89
205	DUR-CBHF-195	PSK, Jagudan	22-Mar-08	79	734	-75	88
206	DSU-CBHF-15	Dama SPU	15-Aug-10	102	960	-75	90
207	SAG-HFS-91	SAG, Bidaj	17-Oct-04	98	974	-85	90
208	ABC-CB-330	ABC, Salon	20-Dec-06	99	969	-88	90
209	SAG-HS-10634	SAG, Bidaj	14-Sep-14	17	114	-92	72
210	SAG-HFK-15	SAG, Bidaj	21-Dec-05	119	1182	-96	91
211	DUR-CBHF-211	PSK, Jagudan	27-Oct-10	125	1201	-98	92
212	ABC-CB-434	ABC, Salon	30-Jan-09	150	1521	-112	92
213	DSU-CBHF-18	Dama SPU	25-Oct-11	96	882	-113	90
214	SAG-HFK-23	SAG, Bidaj	10-Jan-09	87	800	-116	89
215	SAG-HFG-03	SAG, Bidaj	01-Jan-03	23	224	-128	74
216	SAG-HFS-119	SAG, Bidaj	02-Sep-06	108	1101	-139	91
217	ABC-CB-512	ABC, Salon	13-Sep-11	96	817	-139	90
218	SAG-HFS-115	SAG, Bidaj	15-Feb-06	87	862	-140	88
219	SAG-HFK-17	SAG, Bidaj	07-Feb-09	122	1251	-145	91
220	SAG-HFK-10	SAG, Bidaj	16-May-02	18	171	-150	73
221	SAG-HFS-22	SAG, Bidaj	06-Feb-01	15	126	-151	72
222	SAG-HFG-14	SAG, Bidaj	13-May-08	189	1935	-153	95
223	ABC-CB-533	ABC, Salon	19-Nov-11	72	644	-157	88
224	SAG-HFS-602	SAG, Bidaj	07-Sep-11	119	1150	-165	92
225	ABC-CB-484	ABC, Salon	25-Sep-10	101	981	-166	91
226	ABC-CB-480	ABC, Salon	22-May-10	106	1060	-166	91
227	SAG-HX-10010	SAG, Bidaj	07-Oct-13	37	317	-166	81
228	SAG-HFG-505	SAG, Bidaj	12-Jan-12	84	819	-181	89
229	ABC-HG-20778	ABC, Salon	07-Mar-14	27	199	-190	77
230	SAG-HX-10003	SAG, Bidaj	06-Nov-12	112	1034	-193	91
231	ABC-CB-336	ABC, Salon	13-Nov-07	75	750	-195	87
232	SAG-HFS-103	SAG, Bidaj	31-Aug-05	113	1134	-195	91
233	SAG-HFS-140	SAG, Bidaj	28-Jul-09	102	1009	-211	90
234	SAG-HFG-501	SAG, Bidaj	03-Jan-12	59	553	-214	85
235	SAG-HFK-27	SAG, Bidaj	24-Sep-11	76	723	-218	88

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236	SAG-HFK-20	SAG, Bidaj	15-Dec-05	141	1410	-235	92
237	SAG-HFK-13	SAG, Bidaj	17-May-04	113	1119	-236	90
238	SAG-HFK-09	SAG, Bidaj	25-Jan-04	70	698	-243	87
239	SAG-HS-10630	SAG, Bidaj	07-Nov-14	35	270	-254	81
240	SAG-HFG-504	SAG, Bidaj	20-Dec-11	92	869	-254	90
241	SAG-HS-10623	SAG, Bidaj	24-Nov-13	50	438	-293	83
242	SAG-HFS-613	SAG, Bidaj	12-Feb-12	84	789	-296	89
243	DUR-CBHF-213	PSK, Jagudan	09-Apr-11	95	854	-297	90
244	ABC-CB-230	ABC, Salon	04-Aug-05	118	1132	-301	91
245	SAG-HFG-502	SAG, Bidaj	15-May-12	104	1025	-301	91
246	SAG-HK-10028	SAG, Bidaj	27-Nov-13	86	711	-308	89
247	DSU-CBHF-13	Dama SPU	25-Aug-10	123	1221	-309	92
248	ABC-CB-456	ABC, Salon	13-Dec-09	58	496	-310	84
249	DUR-CBHF-205	PSK, Jagudan	01-Mar-10	72	663	-311	88
250	DSU-CBHF-8	Dama SPU	25-Nov-08	65	593	-316	87
251	SAG-HFS-127	SAG, Bidaj	03-Apr-06	118	1164	-321	90
252	SAG-HFS-153	SAG, Bidaj	29-Jul-11	122	1190	-324	92
253	DUR-CBHF-197	PSK, Jagudan	11-Dec-08	69	650	-347	87
254	SAG-HFS-620	SAG, Bidaj	04-May-12	113	1011	-348	91
255	SAG-HFG-11	SAG, Bidaj	10-Oct-07	109	1114	-367	90
256	ABC-CB-418	ABC, Salon	29-Sep-09	100	994	-432	90
257	ABC-CB-453	ABC, Salon	06-Jan-09	127	1270	-433	91
258	ABC-CB-331	ABC, Salon	16-Feb-07	30	181	-442	76
259	SAG-HFS-143	SAG, Bidaj	01-Oct-09	172	1673	-453	93
260	SAG-HFK-14	SAG, Bidaj	17-Apr-06	115	1148	-503	90
261	ABC-CB-564	ABC, Salon	19-Apr-11	72	652	-554	87
262	SAG-HX-10006	SAG, Bidaj	31-Jan-13	67	542	-574	87
263	SAG-HFG-18	SAG, Bidaj	01-Aug-08	129	1261	-680	91

Trait: 305 Day Fat Yield
Species: Cattle
Breed: Holstein Crossbred
Date of estimation: 15 December 2021

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL
1	DUR-CBHF-203	PSK, Jagudan	21-Feb-10	87	867	33.39	0.06	87
2	SAG-HFS-120	SAG, Bidaj	26-Sep-06	109	1088	31.17	0.07	88
3	SAG-HFS-95	SAG, Bidaj	07-May-05	103	971	30.63	0.06	88
4	ALM-HX-40015	Alamadhi SS	03-Sep-13	42	283	29.42	0.07	78
5	SAG-HFS-47	SAG, Bidaj	09-Sep-02	29	245	27.7	0.19	75

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL
6	SAG-HFS-63	SAG, Bidaj	06-Jan-03	25	232	25.15	0.03	74
7	SAG-HFS-131	SAG, Bidaj	02-Mar-08	95	940	23.67	0	88
8	SAG-HFS-83	SAG, Bidaj	21-Dec-03	115	1066	23.65	0.01	89
9	ULD-CB-850	DFSPC, Rishikesh.	19-Jan-05	74	693	22.63	-0.03	85
10	SAG-HFS-108	SAG, Bidaj	07-Feb-05	137	1344	22.43	0	90
11	SAG-HFS-48	SAG, Bidaj	30-Dec-02	17	154	22.41	0.1	72
12	SAG-HS-10624	SAG, Bidaj	15-Sep-13	28	218	22.27	-0.19	72
13	SAG-HX-10009	SAG, Bidaj	23-Jan-13	77	655	20.93	0.08	85
14	SAG-HFG-16	SAG, Bidaj	17-Dec-08	134	1377	20.84	0.25	90
15	ALM-HS-40011	Alamadhi SS	24-Mar-13	32	247	19.99	0.14	75
16	ABC-CB-340	ABC, Salon	03-Aug-08	102	1029	19.4	0.16	88
17	SAG-HFG-23	SAG, Bidaj	17-Feb-10	82	845	19.15	0.21	86
18	SAG-HFS-102	SAG, Bidaj	13-Feb-05	75	750	19.12	0.09	87
19	SAG-HFS-79	SAG, Bidaj	28-Feb-04	78	737	19	0.01	85
20	ABC-HG-20856	ABC, Salon	14-Oct-14	36	235	18.86	0.26	75
21	SAG-HS-10635	SAG, Bidaj	25-Oct-14	22	151	18.06	-0.01	70
22	SAG-HFS-66	SAG, Bidaj	19-Sep-03	95	920	17.01	0.03	88
23	SAG-HFG-26	SAG, Bidaj	14-Oct-11	86	856	16.91	0.02	87
24	SAG-HX-10019	SAG, Bidaj	13-Jan-13	67	539	16.85	0.18	84
25	SAG-HFS-85	SAG, Bidaj	18-Jan-04	78	758	16.81	0.05	85
26	SAG-HFS-616	SAG, Bidaj	31-Jul-12	93	863	16.71	-0.12	88
27	SAG-HFK-11	SAG, Bidaj	06-Sep-04	132	1203	16.39	0.07	90
28	ALM-HS-40019	Alamadhi SS	18-Jan-14	37	275	16.26	0.08	76
29	SAG-HS-10621	SAG, Bidaj	02-Oct-12	64	544	16.15	0.05	84
30	SAG-HFS-123	SAG, Bidaj	01-Jan-06	138	1411	15.93	0.04	90
31	DUR-CBHF-206	PSK, Jagudan	05-Jun-10	87	794	15.85	-0.02	87
32	SAG-HS-10626	SAG, Bidaj	23-Apr-14	29	254	15.79	-0.06	74
33	ABC-HS-20814	ABC, Salon	04-Aug-14	27	148	15.71	-0.14	71
34	DUR-CBHF-207	PSK, Jagudan	06-Jul-12	69	667	15.69	0.23	84
35	SAG-HX-10001	SAG, Bidaj	23-Jan-13	89	837	15.65	0.19	87
36	SAG-HFS-100	SAG, Bidaj	26-Jul-05	82	804	15.48	0.09	86
37	SAG-HX-10004	SAG, Bidaj	05-Dec-12	50	404	15.32	0.03	79
38	DUR-CBHF-193	PSK, Jagudan	18-Dec-07	63	594	15.31	-0.03	83
39	SAG-HFS-149	SAG, Bidaj	23-Jan-11	99	1007	14.47	0.08	88
40	SAG-HFS-608	SAG, Bidaj	04-Nov-11	81	793	14.29	-0.03	86
41	DUR-CBHF-215	PSK, Jagudan	24-Sep-11	88	830	14.21	0.09	87
42	SAG-HFS-125	SAG, Bidaj	20-May-06	96	950	13.67	0.05	87
43	SAG-HFS-87	SAG, Bidaj	19-May-04	81	767	13.35	-0.06	85
44	SAG-HFS-146	SAG, Bidaj	16-Sep-09	92	941	13.24	0.04	86

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL
45	SAG-HFK-25	SAG, Bidaj	05-Jul-10	76	756	13.22	0.11	85
46	SAG-HFS-611	SAG, Bidaj	11-Sep-12	94	862	13.11	0.19	87
47	SAG-HG-10510	SAG, Bidaj	03-Feb-14	35	265	12.79	0.06	75
48	SAG-HX-10005	SAG, Bidaj	24-May-13	115	1064	12.79	-0.03	89
49	ALM-HX-40013	Alamadhi SS	25-Apr-13	44	318	12.49	0.03	79
50	SAG-HFS-606	SAG, Bidaj	12-Mar-12	135	1314	12.29	0.02	90
51	SAG-HFS-80	SAG, Bidaj	15-Jun-04	138	1232	12.23	0.01	90
52	ABC-CB-529	ABC, Salon	25-Sep-11	55	455	11.83	0.21	81
53	ABC-CB-240	ABC, Salon	14-Apr-04	96	963	11.77	-0.17	88
54	SAG-HS-10633	SAG, Bidaj	16-Oct-14	40	229	11.58	0.14	77
55	SAG-HFS-121	SAG, Bidaj	26-Mar-07	137	1377	11.46	0.03	91
56	SAG-HFS-70	SAG, Bidaj	08-Jul-03	138	1357	11.17	0.02	89
57	DSU-CBHF-9	Dama SPU	10-Apr-10	93	921	11.13	0.05	87
58	SAG-HFG-25	SAG, Bidaj	14-Jun-11	135	1342	10.95	0.08	91
59	ULD-CB-860	DFSPC, Rishikesh.	12-Dec-05	68	666	10.83	-0.07	84
60	ALM-HS-40056	Alamadhi SS	31-May-11	44	350	10.78	-0.01	79
61	SAG-HG-10513	SAG, Bidaj	09-Sep-13	29	179	10.76	-0.1	73
62	SAG-HFG-20	SAG, Bidaj	01-Sep-10	80	796	10.7	0.09	85
63	SAG-JIGAR	SAG, Bidaj	03-Feb-01	11	75	10.7	0.15	76
64	ABC-CB-244	ABC, Salon	23-Jan-05	100	993	10.7	0.18	88
65	ALM-HS-40057	Alamadhi SS	01-Feb-12	64	492	10.64	-0.01	83
66	ALM-HS-40006	Alamadhi SS	09-Aug-12	54	411	10.43	0.06	83
67	ALM-HX-40018	Alamadhi SS	07-Jan-14	49	353	10.3	0.05	82
68	SAG-HFS-144	SAG, Bidaj	01-Jan-10	120	1201	10.14	0.02	90
69	SAG-HFS-151	SAG, Bidaj	24-Mar-11	114	1124	10.06	0.01	89
70	ABC-CB-381	ABC, Salon	02-Aug-07	99	979	9.99	-0.05	88
71	SAG-HFG-503	SAG, Bidaj	23-Sep-11	72	660	9.94	-0.01	85
72	SAG-HFS-69	SAG, Bidaj	22-Oct-02	24	223	9.88	0.1	74
73	DUR-CBHF-192	PSK, Jagudan	24-Nov-07	88	836	9.69	0.08	87
74	SAG-HFS-128	SAG, Bidaj	15-Jan-08	80	821	9.62	0.03	83
75	ALM-HS-40001	Alamadhi SS	17-Aug-12	45	324	9.6	0.09	81
76	ABC-CB-379	ABC, Salon	13-May-07	88	891	9.6	0.04	87
77	SAG-HFG-04	SAG, Bidaj	02-Oct-02	25	219	9.32	0.12	76
78	ALM-HG-40008	Alamadhi SS	26-Jun-12	33	252	9.15	0.01	75
79	SAG-HX-10011	SAG, Bidaj	06-Jun-13	69	580	9.06	-0.06	84
80	SAG-HS-10628	SAG, Bidaj	28-Aug-14	26	145	9.04	-0.04	71
81	SAG-HFS-618	SAG, Bidaj	02-Jul-12	51	456	8.9	-0.05	81
82	ABC-CB-477	ABC, Salon	12-Mar-10	97	958	8.81	0.14	88
83	SAG-HFS-86	SAG, Bidaj	11-Aug-04	114	1066	8.74	-0.08	89

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL
84	DUR-CBHF-202	PSK, Jagudan	09-Dec-09	97	956	8.19	-0.01	88
85	SAG-HFS-122	SAG, Bidaj	11-Sep-07	122	1235	8.11	0.14	89
86	SAG-HS-10632	SAG, Bidaj	25-Sep-14	23	135	7.71	0.16	70
87	ABC-HG-20772	ABC, Salon	21-Aug-13	50	328	7.57	0.21	80
88	SAG-HFS-130	SAG, Bidaj	05-Jun-05	113	1139	7.52	0.11	88
89	ABC-HS-20730	ABC, Salon	28-May-13	36	232	7.37	0.04	73
90	SAG-HX-10020	SAG, Bidaj	28-Oct-13	31	240	7.36	0.04	73
91	SAG-HFS-145	SAG, Bidaj	28-Aug-10	102	1037	7.15	0.12	88
92	SAG-HFS-36	SAG, Bidaj	21-Jan-02	114	1129	7	0.06	89
93	SAG-HFS-124	SAG, Bidaj	21-Oct-05	138	1429	6.95	-0.02	90
94	SAG-HFS-147	SAG, Bidaj	18-Dec-10	121	1184	6.79	0.01	89
95	DUR-CBHF-198	PSK, Jagudan	15-Jan-09	104	1009	6.74	0.15	88
96	SAG-HFS-114	SAG, Bidaj	23-Aug-05	19	196	6.64	-0.01	71
97	SAG-HFS-28	SAG, Bidaj	19-Sep-00	5	33	6.28	0.09	76
98	SAG-HFS-612	SAG, Bidaj	04-Aug-12	98	893	6.22	0.02	88
99	SAG-HFS-64	SAG, Bidaj	10-Apr-03	18	152	6.16	0.28	70
100	SAG-HFS-98	SAG, Bidaj	07-Sep-05	112	1054	6.01	-0.09	89
101	SAG-HS-10625	SAG, Bidaj	03-Mar-13	61	461	5.84	0.29	82
102	SAG-HK-10029	SAG, Bidaj	08-Jan-14	32	204	5.84	0.09	72
103	DUR-CBHF-212	PSK, Jagudan	15-Jan-11	106	988	5.83	-0.12	89
104	DSU-CBHF-16	Dama SPU	05-Jan-12	67	591	5.73	-0.18	84
105	ABC-CB-577	ABC, Salon	06-Jan-12	60	435	5.72	0.04	82
106	SAG-HFG-10	SAG, Bidaj	16-Sep-07	118	1216	5.67	-0.19	89
107	SAG-HFS-601	SAG, Bidaj	29-Dec-10	80	817	5.64	0.04	86
108	SAG-HFS-141	SAG, Bidaj	11-Mar-08	97	982	5.64	-0.12	87
109	SAG-HX-10015	SAG, Bidaj	20-Nov-13	45	389	5.57	0.11	79
110	SAG-HFG-22	SAG, Bidaj	17-Jun-10	173	1783	5.55	0.15	92
111	SAG-HFS-610	SAG, Bidaj	21-Oct-11	91	834	5.5	-0.03	87
112	SAG-HFS-134	SAG, Bidaj	01-May-08	147	1494	5.49	0.03	91
113	SAG-HFG-15	SAG, Bidaj	27-Jul-08	129	1316	5.32	0.02	90
114	SAG-HFS-154	SAG, Bidaj	21-Apr-12	117	1154	5.26	-0.17	90
115	ABC-CB-524	ABC, Salon	02-Oct-11	66	537	5.17	0.1	83
116	ABC-CB-183	ABC, Salon	03-Jul-03	126	1239	5.15	0.06	89
117	SAG-HFS-603	SAG, Bidaj	14-Jan-12	94	884	5.03	-0.04	87
118	ABC-CB-534	ABC, Salon	21-Dec-11	32	264	5	-0.07	75
119	DUR-CBHF-210	PSK, Jagudan	03-Dec-10	111	1036	4.86	-0.08	89
120	ABC-CB-528	ABC, Salon	09-Jul-10	87	820	4.82	-0.02	87
121	SAG-HFS-137	SAG, Bidaj	03-Dec-07	96	972	4.76	0.07	87
122	SAG-HFG-508	SAG, Bidaj	24-Apr-12	33	267	4.73	0.21	75

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL
123	SAG-HFS-617	SAG, Bidaj	19-Oct-12	97	869	4.47	-0.2	88
124	SAG-HFS-94	SAG, Bidaj	04-Jan-04	103	939	4.39	-0.01	87
125	ALM-HX-40012	Alamadhi SS	25-Mar-14	44	371	4.32	0.02	79
126	SAG-HFS-117	SAG, Bidaj	09-Aug-06	184	1853	4.08	-0.11	92
127	SAG-HFS-609	SAG, Bidaj	13-Aug-12	108	1035	4.06	-0.1	89
128	DUR-CBHF-200	PSK, Jagudan	15-Apr-09	92	848	3.8	-0.08	87
129	DUR-CBHF-194	PSK, Jagudan	13-Mar-08	72	667	3.71	-0.07	84
130	SAG-HFS-82	SAG, Bidaj	01-Dec-03	21	180	3.66	0.13	71
131	ABC-CB-417	ABC, Salon	02-Aug-09	114	1149	3.52	0.14	88
132	SAG-HFS-84	SAG, Bidaj	24-Dec-03	119	1093	3.48	0	90
133	SAG-HFG-13	SAG, Bidaj	22-Mar-07	142	1428	2.74	0.06	91
134	SAG-HFS-615	SAG, Bidaj	25-Nov-12	87	797	2.68	0.01	86
135	SAG-HFG-506	SAG, Bidaj	12-Aug-12	85	805	2.63	-0.22	86
136	SAG-HFS-113	SAG, Bidaj	08-Sep-05	116	1177	2.6	-0.11	88
137	SAG-HFG-507	SAG, Bidaj	29-Dec-11	47	357	2.6	-0.03	80
138	SAG-HFS-155	SAG, Bidaj	02-Sep-11	130	1280	2.47	0.08	90
139	ALM-HS-40003	Alamadhi SS	05-Feb-12	40	262	2.45	0.15	76
140	ABC-CB-362	ABC, Salon	01-Oct-08	107	1060	2.43	-0.01	87
141	SAG-HG-10511	SAG, Bidaj	21-Feb-14	50	403	2.19	-0.14	80
142	DSU-CBHF-10	Dama SPU	11-Apr-09	81	805	1.89	0.16	86
143	SAG-HFS-46	SAG, Bidaj	20-May-03	210	2140	1.63	0.06	93
144	SAG-HFS-81	SAG, Bidaj	24-Nov-03	23	198	1.59	-0.01	75
145	SAG-HX-10007	SAG, Bidaj	25-Feb-13	75	659	1.55	0.05	85
146	SAG-HFS-65	SAG, Bidaj	08-Jul-03	32	280	1.51	0.05	78
147	SAG-HG-10509	SAG, Bidaj	26-Apr-14	53	419	1.46	0.12	81
148	DSU-CBHF-15	Dama SPU	15-Aug-10	102	943	1.44	-0.18	88
149	SAG-HFS-116	SAG, Bidaj	24-Apr-06	99	998	1.41	-0.05	87
150	SAG-HFG-19	SAG, Bidaj	21-Jul-09	120	1193	1.41	0.03	90
151	SAG-HFS-101	SAG, Bidaj	21-Sep-05	111	1024	1.32	0	88
152	SAG-HFS-68	SAG, Bidaj	28-Mar-03	26	219	1.15	0.22	76
153	DSU-CBHF-14	Dama SPU	14-Sep-10	90	849	1.11	-0.16	87
154	ABC-CB-454	ABC, Salon	23-Mar-09	89	889	0.69	0.19	85
155	SAG-HFS-55	SAG, Bidaj	24-Dec-02	14	104	0.55	0.15	70
156	ABC-CB-696	ABC, Salon	08-Apr-09	104	952	0.45	0.13	88
157	SAG-HFS-129	SAG, Bidaj	04-Nov-07	97	964	0.38	0.02	90
158	SAG-HFS-619	SAG, Bidaj	24-Feb-12	79	690	0.34	0.22	85
159	ABC-CB-697	ABC, Salon	18-Sep-09	68	605	0.34	-0.03	83
160	ABC-CB-695	ABC, Salon	10-Oct-09	78	657	0.32	0.28	85
161	SAG-HFS-132	SAG, Bidaj	19-Feb-08	114	1168	0.25	-0.03	89

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL
162	ABC-CB-561	ABC, Salon	20-Dec-09	71	678	-0.11	0.12	84
163	SAG-HFS-138	SAG, Bidaj	16-Dec-08	102	1050	-0.16	0.15	88
164	SAG-HFS-148	SAG, Bidaj	08-Nov-11	117	1150	-0.19	0.08	90
165	ABC-CB-511	ABC, Salon	08-Jul-11	51	463	-0.52	-0.03	80
166	SAG-HFS-45	SAG, Bidaj	23-Dec-00	35	309	-0.52	0.09	76
167	DUR-CBHF-216	PSK, Jagudan	10-Jul-11	89	854	-0.77	0.12	87
168	SAG-HFS-126	SAG, Bidaj	25-Jul-06	102	1031	-0.78	-0.04	88
169	ABC-CB-485	ABC, Salon	02-Oct-10	104	1019	-0.94	0.05	89
170	ABC-CB-512	ABC, Salon	13-Sep-11	94	775	-0.98	-0.2	87
171	SAG-HFS-602	SAG, Bidaj	07-Sep-11	119	1136	-1.08	-0.24	90
172	SAG-HFG-12	SAG, Bidaj	10-Jun-07	165	1674	-1.24	-0.02	93
173	SAG-HFS-607	SAG, Bidaj	20-Feb-12	114	1082	-1.35	0.08	90
174	ABC-CB-353	ABC, Salon	04-Apr-06	127	1259	-1.65	-0.01	90
175	ABC-CB-434	ABC, Salon	30-Jan-09	150	1516	-1.95	-0.12	91
176	SAG-HFG-05	SAG, Bidaj	09-May-03	102	918	-2.01	-0.03	87
177	SAG-HFS-605	SAG, Bidaj	18-Dec-11	95	893	-2.16	-0.02	88
178	SAG-HFK-18	SAG, Bidaj	31-Aug-08	149	1474	-2.23	0.02	91
179	SAG-HFK-22	SAG, Bidaj	10-Jul-09	163	1645	-2.3	0.13	91
180	SAG-HFG-24	SAG, Bidaj	30-May-10	95	930	-2.37	-0.01	87
181	ABC-CB-584	ABC, Salon	24-Oct-11	49	436	-2.45	-0.02	80
182	SAG-HFK-15	SAG, Bidaj	21-Dec-05	118	1175	-2.71	-0.06	88
183	DSU-CBHF-18	Dama SPU	25-Oct-11	94	850	-3.32	-0.06	87
184	ABC-CB-314	ABC, Salon	01-Sep-06	104	1034	-3.48	0.07	87
185	SAG-HFK-17	SAG, Bidaj	07-Feb-09	122	1245	-3.54	-0.11	89
186	DUR-CBHF-184	PSK, Jagudan	17-Dec-06	124	1225	-4.06	0.1	90
187	ABC-HK-20770	ABC, Salon	23-Jan-14	81	625	-4.11	0.34	86
188	SAG-HFS-91	SAG, Bidaj	17-Oct-04	96	918	-4.17	0.02	88
189	SAG-HX-10012	SAG, Bidaj	22-Jul-13	74	649	-4.18	0.12	85
190	SAG-HFG-14	SAG, Bidaj	13-May-08	189	1930	-4.38	-0.09	93
191	SAG-HFG-17	SAG, Bidaj	07-Feb-09	131	1338	-4.49	0.09	89
192	DUR-CBHF-211	PSK, Jagudan	27-Oct-10	124	1191	-4.95	0.02	90
193	ABC-CB-330	ABC, Salon	20-Dec-06	99	969	-5.41	0.06	87
194	SAG-HX-10003	SAG, Bidaj	06-Nov-12	111	998	-5.58	-0.12	89
195	ABC-CB-480	ABC, Salon	22-May-10	106	1057	-5.84	-0.06	89
196	SAG-HFS-119	SAG, Bidaj	02-Sep-06	106	1069	-6.31	0.01	89
197	ABC-HG-20778	ABC, Salon	07-Mar-14	25	162	-6.71	-0.07	71
198	SAG-HFS-115	SAG, Bidaj	15-Feb-06	87	862	-6.78	0.02	86
199	ABC-CB-533	ABC, Salon	19-Nov-11	71	611	-6.88	0	84
200	DUR-CBHF-205	PSK, Jagudan	01-Mar-10	71	653	-7.07	-0.28	85

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL
201	SAG-HFG-505	SAG, Bidaj	12-Jan-12	83	793	-7.08	-0.04	86
202	DUR-CBHF-195	PSK, Jagudan	22-Mar-08	79	720	-7.24	0.15	85
203	SAG-HX-10010	SAG, Bidaj	07-Oct-13	35	293	-7.27	0	75
204	ABC-CB-456	ABC, Salon	13-Dec-09	56	461	-7.38	-0.26	80
205	SAG-HS-10623	SAG, Bidaj	24-Nov-13	50	410	-7.56	-0.22	79
206	ABC-CB-336	ABC, Salon	13-Nov-07	75	746	-7.63	-0.04	84
207	SAG-HFK-23	SAG, Bidaj	10-Jan-09	87	794	-7.79	0.1	87
208	SAG-HFS-103	SAG, Bidaj	31-Aug-05	113	1129	-7.84	-0.03	89
209	ABC-CB-484	ABC, Salon	25-Sep-10	101	974	-7.96	0.03	88
210	SAG-HFK-20	SAG, Bidaj	15-Dec-05	141	1406	-8.55	-0.07	90
211	SAG-HFG-504	SAG, Bidaj	20-Dec-11	92	865	-8.64	-0.1	88
212	DUR-CBHF-213	PSK, Jagudan	09-Apr-11	93	829	-9.15	-0.16	87
213	SAG-HFK-13	SAG, Bidaj	17-May-04	113	1118	-9.3	-0.04	88
214	SAG-HS-10630	SAG, Bidaj	07-Nov-14	35	262	-9.34	-0.07	76
215	SAG-HFG-502	SAG, Bidaj	15-May-12	103	1001	-9.42	-0.16	89
216	DUR-CBHF-197	PSK, Jagudan	11-Dec-08	69	638	-9.43	-0.25	84
217	SAG-HFK-27	SAG, Bidaj	24-Sep-11	75	714	-9.48	0	85
218	SAG-HFK-09	SAG, Bidaj	25-Jan-04	69	635	-9.51	-0.05	84
219	SAG-HFS-613	SAG, Bidaj	12-Feb-12	83	779	-9.64	-0.14	86
220	SAG-HFS-140	SAG, Bidaj	28-Jul-09	102	1007	-9.89	0.02	88
221	SAG-HFG-501	SAG, Bidaj	03-Jan-12	59	549	-10.02	0.03	82
222	DSU-CBHF-13	Dama SPU	25-Aug-10	123	1215	-10.1	-0.15	90
223	DSU-CBHF-8	Dama SPU	25-Nov-08	65	580	-12.95	-0.04	84
224	ABC-CB-230	ABC, Salon	04-Aug-05	118	1131	-13.22	0	89
225	SAG-HFS-620	SAG, Bidaj	04-May-12	113	987	-13.56	-0.07	89
226	SAG-HFS-127	SAG, Bidaj	03-Apr-06	117	1152	-13.56	-0.02	88
227	SAG-HFS-153	SAG, Bidaj	29-Jul-11	122	1182	-14.42	0.01	90
228	SAG-HFG-11	SAG, Bidaj	10-Oct-07	109	1108	-14.94	-0.05	88
229	ABC-CB-418	ABC, Salon	29-Sep-09	100	993	-15.77	-0.14	87
230	SAG-HFS-143	SAG, Bidaj	01-Oct-09	172	1667	-16.31	-0.16	92
231	ABC-CB-453	ABC, Salon	06-Jan-09	127	1270	-16.52	-0.11	89
232	SAG-HK-10028	SAG, Bidaj	27-Nov-13	81	652	-17.81	0.18	85
233	SAG-HFK-14	SAG, Bidaj	17-Apr-06	115	1146	-18.65	-0.16	88
234	SAG-HX-10006	SAG, Bidaj	31-Jan-13	66	514	-22.39	-0.13	83
235	ABC-CB-564	ABC, Salon	19-Apr-11	72	637	-25.1	0.04	84
236	SAG-HFG-18	SAG, Bidaj	01-Aug-08	127	1239	-26.98	-0.14	89

Trait: 305 Day Protein Yield
Species: Cattle
Breed: Holstein Crossbred
Date of estimation: 15 December 2021

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV Protein Yield	GBV Protein %	REL
1	SAG-HFS-95	SAG, Bidaj	07-May-05	92	771	24.51	0.21	88
2	SAG-HFG-16	SAG, Bidaj	17-Dec-08	134	1359	24.09	0.13	91
3	SAG-HFS-120	SAG, Bidaj	26-Sep-06	108	1029	23.29	0.28	90
4	ALM-HX-40015	Alamadhi SS	03-Sep-13	42	283	22.78	0.24	81
5	DUR-CBHF-203	PSK, Jagudan	21-Feb-10	87	867	22.49	0.35	89
6	SAG-HFS-79	SAG, Bidaj	28-Feb-04	61	531	18.15	0.02	84
7	SAG-HFS-48	SAG, Bidaj	30-Dec-02	9	69	17.88	0.22	70
8	SAG-HFG-23	SAG, Bidaj	17-Feb-10	82	845	17.79	0.23	87
9	SAG-HFS-131	SAG, Bidaj	02-Mar-08	95	940	17.52	0.17	90
10	SAG-HX-10014	SAG, Bidaj	18-Nov-13	20	108	16.33	0.21	70
11	SAG-HX-10026	SAG, Bidaj	21-Sep-14	19	110	16.22	0.33	71
12	SAG-HX-10009	SAG, Bidaj	23-Jan-13	77	655	16.18	0.21	87
13	SAG-HFS-102	SAG, Bidaj	13-Feb-05	75	749	16.11	0.16	89
14	SAG-HFS-83	SAG, Bidaj	21-Dec-03	96	820	16.04	0.22	89
15	ULD-CB-850	DFSPC, Rishikesh.	19-Jan-05	74	693	15.92	0.16	87
16	SAG-HX-10024	SAG, Bidaj	30-Apr-14	23	121	15.64	0.17	71
17	ABC-CB-340	ABC, Salon	03-Aug-08	102	1029	15.35	0.27	90
18	SAG-HFS-108	SAG, Bidaj	07-Feb-05	131	1142	15.23	0.21	91
19	ALM-HS-40011	Alamadhi SS	24-Mar-13	32	247	15.19	0.27	78
20	DUR-CBHF-207	PSK, Jagudan	06-Jul-12	68	658	14.76	0.23	86
21	SAG-HS-10633	SAG, Bidaj	16-Oct-14	40	229	14.37	0.03	80
22	SAG-HX-10027	SAG, Bidaj	13-Sep-14	21	114	13.76	0.27	72
23	SAG-HS-10624	SAG, Bidaj	15-Sep-13	28	218	13.72	0.07	76
24	SAG-HFS-85	SAG, Bidaj	18-Jan-04	64	552	13.42	0.14	85
25	SAG-HFS-123	SAG, Bidaj	01-Jan-06	138	1362	13.36	0.11	91
26	SAG-HX-10019	SAG, Bidaj	13-Jan-13	67	539	13.32	0.27	86
27	SAG-HFS-149	SAG, Bidaj	23-Jan-11	99	1007	12.99	0.11	90
28	ABC-HG-20856	ABC, Salon	14-Oct-14	36	235	12.96	0.41	78
29	SAG-HS-10635	SAG, Bidaj	25-Oct-14	22	151	12.83	0.15	74
30	ALM-HS-40019	Alamadhi SS	18-Jan-14	37	275	12.64	0.18	80
31	SAG-HFG-26	SAG, Bidaj	14-Oct-11	86	856	12.58	0.14	89
32	SAG-HX-10001	SAG, Bidaj	23-Jan-13	89	837	12.47	0.27	89
33	SAG-HFS-125	SAG, Bidaj	20-May-06	95	923	12.39	0.07	88
34	SAG-HFK-11	SAG, Bidaj	06-Sep-04	99	828	12.14	0.19	90

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV Protein Yield	GBV Protein %	REL
35	SAG-HFS-100	SAG, Bidaj	26-Jul-05	75	624	12	0.18	87
36	SAG-HFS-146	SAG, Bidaj	16-Sep-09	92	940	11.68	0.08	88
37	SAG-HS-10621	SAG, Bidaj	02-Oct-12	64	544	11.25	0.19	86
38	SAG-HFS-121	SAG, Bidaj	26-Mar-07	137	1311	11.19	0.03	92
39	SAG-HFK-25	SAG, Bidaj	05-Jul-10	76	756	11.15	0.16	87
40	SAG-HFS-128	SAG, Bidaj	15-Jan-08	80	821	11.07	-0.03	85
41	DUR-CBHF-215	PSK, Jagudan	24-Sep-11	88	830	10.89	0.19	89
42	SAG-HX-10004	SAG, Bidaj	05-Dec-12	50	404	10.66	0.17	82
43	SAG-HS-10629	SAG, Bidaj	08-Feb-14	21	101	10.64	0.11	74
44	SAG-HFS-36	SAG, Bidaj	21-Jan-02	114	1127	10.57	-0.07	91
45	ABC-HS-20814	ABC, Salon	04-Aug-14	27	148	10.42	0.03	74
46	SAG-HFS-66	SAG, Bidaj	19-Sep-03	82	689	10.42	0.23	88
47	SAG-HFG-20	SAG, Bidaj	01-Sep-10	79	785	10.19	0.09	87
48	ABC-CB-244	ABC, Salon	23-Jan-05	100	993	10.15	0.19	90
49	SAG-HFS-122	SAG, Bidaj	11-Sep-07	121	1165	10.12	0.06	90
50	ALM-HX-40013	Alamadhi SS	25-Apr-13	44	318	10.04	0.1	82
51	SAG-HFS-130	SAG, Bidaj	05-Jun-05	113	1091	10.02	0.01	89
52	SAG-HFS-608	SAG, Bidaj	04-Nov-11	81	793	10.01	0.1	88
53	SAG-HFS-611	SAG, Bidaj	11-Sep-12	94	862	9.77	0.28	89
54	DUR-CBHF-193	PSK, Jagudan	18-Dec-07	63	594	9.61	0.15	85
55	DUR-CBHF-206	PSK, Jagudan	05-Jun-10	87	794	9.49	0.17	89
56	ALM-HS-40006	Alamadhi SS	09-Aug-12	54	411	9.22	0.09	85
57	SAG-HFS-70	SAG, Bidaj	08-Jul-03	131	1224	9.03	0.08	90
58	SAG-HFS-87	SAG, Bidaj	19-May-04	62	513	8.87	0.08	84
59	ABC-CB-477	ABC, Salon	12-Mar-10	97	958	8.4	0.15	90
60	SAG-HG-10510	SAG, Bidaj	03-Feb-14	35	265	8.39	0.19	79
61	SAG-HFG-25	SAG, Bidaj	14-Jun-11	135	1342	8.37	0.16	92
62	SAG-HFS-144	SAG, Bidaj	01-Jan-10	120	1201	8.24	0.07	91
63	SAG-HFS-616	SAG, Bidaj	31-Jul-12	93	863	8.22	0.15	89
64	SAG-HS-10628	SAG, Bidaj	28-Aug-14	26	145	8.18	-0.02	75
65	SAG-HFG-503	SAG, Bidaj	23-Sep-11	72	660	7.81	0.06	87
66	SAG-HS-10626	SAG, Bidaj	23-Apr-14	29	254	7.76	0.2	78
67	SAG-HFS-606	SAG, Bidaj	12-Mar-12	135	1314	7.6	0.16	92
68	DUR-CBHF-192	PSK, Jagudan	24-Nov-07	88	836	7.4	0.15	89
69	ABC-CB-379	ABC, Salon	13-May-07	87	881	7.34	0.11	89
70	SAG-HFS-151	SAG, Bidaj	24-Mar-11	114	1124	7.21	0.1	91
71	ALM-HS-40056	Alamadhi SS	31-May-11	44	350	7.09	0.1	82
72	SAG-HG-10516	SAG, Bidaj	01-Feb-15	20	126	6.99	0.12	73

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV Protein Yield	GBV Protein %	REL
73	ABC-HS-20730	ABC, Salon	28-May-13	36	232	6.87	0.05	77
74	SAG-HS-10632	SAG, Bidaj	25-Sep-14	23	135	6.86	0.17	74
75	SAG-HFS-124	SAG, Bidaj	21-Oct-05	138	1375	6.85	-0.02	91
76	DSU-CBHF-9	Dama SPU	10-Apr-10	93	921	6.75	0.18	89
77	ABC-CB-529	ABC, Salon	25-Sep-11	55	455	6.7	0.36	84
78	SAG-HFS-145	SAG, Bidaj	28-Aug-10	102	1037	6.69	0.12	90
79	SAG-HX-10005	SAG, Bidaj	24-May-13	115	1064	6.66	0.17	91
80	SAG-HFS-80	SAG, Bidaj	15-Jun-04	103	837	6.56	0.19	89
81	ULD-CB-860	DFSPC, Rishikesh.	12-Dec-05	68	666	6.45	0.07	86
82	ALM-HX-40018	Alamadhi SS	07-Jan-14	49	353	6.43	0.17	84
83	DUR-CBHF-198	PSK, Jagudan	15-Jan-09	104	1009	6.43	0.15	90
84	SAG-HFG-22	SAG, Bidaj	17-Jun-10	172	1772	6.39	0.11	93
85	ALM-HS-40057	Alamadhi SS	01-Feb-12	64	492	6.31	0.13	86
86	ABC-CB-240	ABC, Salon	14-Apr-04	96	963	6.31	0.02	89
87	SAG-HFG-15	SAG, Bidaj	27-Jul-08	129	1305	6	-0.01	92
88	ABC-CB-381	ABC, Salon	02-Aug-07	99	979	5.84	0.08	90
89	ALM-HS-40001	Alamadhi SS	17-Aug-12	45	324	5.8	0.21	84
90	ABC-CB-417	ABC, Salon	02-Aug-09	114	1149	5.73	0.06	90
91	ABC-CB-183	ABC, Salon	03-Jul-03	126	1239	5.47	0.04	91
92	SAG-HFS-147	SAG, Bidaj	18-Dec-10	121	1184	5.2	0.06	91
93	SAG-HFS-98	SAG, Bidaj	07-Sep-05	88	759	5.16	-0.06	88
94	ALM-HG-40008	Alamadhi SS	26-Jun-12	33	252	5.08	0.15	78
95	SAG-HS-10636	SAG, Bidaj	18-Mar-15	16	105	5.06	0.32	71
96	DUR-CBHF-202	PSK, Jagudan	09-Dec-09	96	952	4.93	0.09	89
97	SAG-HFS-601	SAG, Bidaj	29-Dec-10	79	807	4.82	0.06	88
98	SAG-HG-10513	SAG, Bidaj	09-Sep-13	29	179	4.81	0.1	77
99	ABC-HG-20772	ABC, Salon	21-Aug-13	50	328	4.8	0.29	83
100	SAG-HS-10625	SAG, Bidaj	03-Mar-13	61	461	4.8	0.31	85
101	SAG-HFS-28	SAG, Bidaj	19-Sep-00	1	10	4.53	0.14	77
102	SAG-HX-10011	SAG, Bidaj	06-Jun-13	69	580	4.42	0.1	87
103	SAG-HK-10029	SAG, Bidaj	08-Jan-14	32	204	4.28	0.13	77
104	SAG-HFS-137	SAG, Bidaj	03-Dec-07	96	970	4.1	0.08	88
105	SAG-HFS-612	SAG, Bidaj	04-Aug-12	98	893	3.96	0.09	90
106	SAG-HFS-141	SAG, Bidaj	11-Mar-08	97	982	3.92	-0.06	89
107	ABC-CB-524	ABC, Salon	02-Oct-11	66	537	3.91	0.13	86
108	SAG-HFS-618	SAG, Bidaj	02-Jul-12	51	456	3.89	0.12	84
109	SAG-HFS-114	SAG, Bidaj	23-Aug-05	19	194	3.87	0.09	74
110	SAG-HFS-81	SAG, Bidaj	24-Nov-03	12	88	3.69	-0.09	73

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV Protein Yield	GBV Protein %	REL
111	ABC-CB-528	ABC, Salon	09-Jul-10	87	820	3.69	0.02	89
112	SAG-HX-10020	SAG, Bidaj	28-Oct-13	31	240	3.69	0.16	77
113	SAG-HFS-148	SAG, Bidaj	08-Nov-11	117	1150	3.63	-0.06	91
114	SAG-HFS-155	SAG, Bidaj	02-Sep-11	130	1280	3.56	0.03	92
115	SAG-HFS-134	SAG, Bidaj	01-May-08	145	1473	3.52	0.1	92
116	ABC-CB-454	ABC, Salon	23-Mar-09	89	889	3.43	0.09	87
117	SAG-HFS-117	SAG, Bidaj	09-Aug-06	184	1820	3.32	-0.09	93
118	SAG-HFG-508	SAG, Bidaj	24-Apr-12	33	267	3.29	0.25	78
119	SAG-HFS-46	SAG, Bidaj	20-May-03	209	2126	3.19	0	94
120	ALM-HX-40012	Alamadhi SS	25-Mar-14	44	371	3.14	0.06	82
121	SAG-HFS-86	SAG, Bidaj	11-Aug-04	102	877	2.87	0.12	89
122	SAG-HFS-603	SAG, Bidaj	14-Jan-12	94	884	2.79	0.04	89
123	ABC-CB-362	ABC, Salon	01-Oct-08	106	1050	2.75	-0.02	89
124	SAG-HFS-615	SAG, Bidaj	25-Nov-12	87	797	2.59	0.01	88
125	DSU-CBHF-10	Dama SPU	11-Apr-09	81	805	2.54	0.13	88
126	SAG-HX-10015	SAG, Bidaj	20-Nov-13	45	389	2.53	0.21	82
127	SAG-HFS-132	SAG, Bidaj	19-Feb-08	114	1167	2.45	-0.12	90
128	SAG-HFK-22	SAG, Bidaj	10-Jul-09	163	1638	2.43	-0.04	92
129	ABC-CB-577	ABC, Salon	06-Jan-12	60	435	2.1	0.16	85
130	SAG-HFS-94	SAG, Bidaj	04-Jan-04	82	674	1.83	0.07	87
131	SAG-HFG-19	SAG, Bidaj	21-Jul-09	120	1194	1.83	0.01	91
132	SAG-HFK-18	SAG, Bidaj	31-Aug-08	148	1456	1.78	-0.13	92
133	SAG-HFS-138	SAG, Bidaj	16-Dec-08	102	1045	1.76	0.07	89
134	SAG-HFS-129	SAG, Bidaj	04-Nov-07	97	919	1.76	-0.03	91
135	ABC-CB-695	ABC, Salon	10-Oct-09	78	657	1.4	0.24	87
136	SAG-HFG-13	SAG, Bidaj	22-Mar-07	141	1378	1.34	0.11	92
137	SAG-HFS-610	SAG, Bidaj	21-Oct-11	91	834	1.23	0.12	89
138	ABC-CB-561	ABC, Salon	20-Dec-09	71	678	1.06	0.07	86
139	DUR-CBHF-200	PSK, Jagudan	15-Apr-09	92	848	1.02	0.02	89
140	SAG-HFS-154	SAG, Bidaj	21-Apr-12	117	1154	0.99	-0.01	91
141	SAG-HFS-607	SAG, Bidaj	20-Feb-12	114	1082	0.87	0	91
142	SAG-HFS-116	SAG, Bidaj	24-Apr-06	96	883	0.87	-0.03	88
143	DUR-CBHF-216	PSK, Jagudan	10-Jul-11	89	854	0.35	0.08	89
144	DUR-CBHF-210	PSK, Jagudan	03-Dec-10	111	1036	0.25	0.09	90
145	DSU-CBHF-16	Dama SPU	05-Jan-12	67	591	0.08	0.03	86
146	SAG-HFG-507	SAG, Bidaj	29-Dec-11	47	357	-0.01	0.06	83
147	SAG-HG-10511	SAG, Bidaj	21-Feb-14	50	403	-0.09	-0.06	83
148	SAG-HFS-609	SAG, Bidaj	13-Aug-12	107	1024	-0.23	0.06	90

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV Protein Yield	GBV Protein %	REL
149	ABC-CB-485	ABC, Salon	02-Oct-10	104	1020	-0.25	0.02	90
150	ABC-CB-696	ABC, Salon	08-Apr-09	104	952	-0.27	0.15	90
151	SAG-HFS-101	SAG, Bidaj	21-Sep-05	94	776	-0.29	0.06	89
152	DUR-CBHF-212	PSK, Jagudan	15-Jan-11	106	988	-0.36	0.1	90
153	SAG-HFS-619	SAG, Bidaj	24-Feb-12	79	690	-0.4	0.24	87
154	ABC-CB-534	ABC, Salon	21-Dec-11	32	264	-0.41	0.12	78
155	DUR-CBHF-194	PSK, Jagudan	13-Mar-08	72	667	-0.5	0.08	87
156	ALM-HS-40003	Alamadhi SS	05-Feb-12	40	262	-0.61	0.25	79
157	SAG-HFK-15	SAG, Bidaj	21-Dec-05	116	1116	-0.65	-0.13	90
158	SAG-HX-10007	SAG, Bidaj	25-Feb-13	74	649	-0.69	0.13	87
159	DSU-CBHF-15	Dama SPU	15-Aug-10	102	943	-0.96	-0.09	90
160	SAG-HG-10509	SAG, Bidaj	26-Apr-14	53	419	-0.99	0.2	84
161	SAG-HFS-113	SAG, Bidaj	08-Sep-05	115	1153	-1.03	0.03	90
162	SAG-HS-10634	SAG, Bidaj	14-Sep-14	17	96	-1.04	-0.11	71
163	SAG-HFG-05	SAG, Bidaj	09-May-03	89	718	-1.16	-0.05	88
164	SAG-HFS-617	SAG, Bidaj	19-Oct-12	97	869	-1.17	0.01	90
165	SAG-HFK-17	SAG, Bidaj	07-Feb-09	122	1236	-1.27	-0.19	91
166	SAG-HFG-24	SAG, Bidaj	30-May-10	94	922	-1.27	-0.05	89
167	SAG-HFG-12	SAG, Bidaj	10-Jun-07	165	1610	-1.27	-0.02	94
168	SAG-HFG-17	SAG, Bidaj	07-Feb-09	131	1331	-1.46	-0.03	91
169	ABC-CB-330	ABC, Salon	20-Dec-06	99	968	-1.52	-0.09	89
170	SAG-HFS-91	SAG, Bidaj	17-Oct-04	83	715	-1.55	-0.08	88
171	SAG-HFS-84	SAG, Bidaj	24-Dec-03	87	724	-1.63	0.18	89
172	SAG-HFG-10	SAG, Bidaj	16-Sep-07	117	1123	-1.67	0.08	90
173	ABC-CB-511	ABC, Salon	08-Jul-11	51	463	-1.7	0.02	83
174	ABC-HK-20770	ABC, Salon	23-Jan-14	81	625	-1.8	0.26	88
175	SAG-HFG-506	SAG, Bidaj	12-Aug-12	85	805	-1.86	-0.04	88
176	ABC-CB-314	ABC, Salon	01-Sep-06	103	1022	-1.89	0.01	89
177	ABC-CB-353	ABC, Salon	04-Apr-06	127	1259	-1.94	0	91
178	ABC-CB-697	ABC, Salon	18-Sep-09	68	605	-1.99	0.06	86
179	SAG-HFS-126	SAG, Bidaj	25-Jul-06	102	986	-2.07	0.01	90
180	ABC-CB-434	ABC, Salon	30-Jan-09	149	1505	-2.26	-0.1	92
181	DSU-CBHF-14	Dama SPU	14-Sep-10	90	849	-2.29	-0.03	89
182	DUR-CBHF-184	PSK, Jagudan	17-Dec-06	124	1225	-2.85	0.05	91
183	SAG-HFS-605	SAG, Bidaj	18-Dec-11	95	893	-2.96	0.01	90
184	SAG-HFS-103	SAG, Bidaj	31-Aug-05	113	1108	-3.61	-0.19	90
185	SAG-HFS-119	SAG, Bidaj	02-Sep-06	106	1009	-3.78	-0.08	90
186	ABC-CB-584	ABC, Salon	24-Oct-11	49	436	-4.28	0.05	83

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV Protein Yield	GBV Protein %	REL
187	SAG-HFG-14	SAG, Bidaj	13-May-08	189	1911	-4.35	-0.09	94
188	SAG-HFS-115	SAG, Bidaj	15-Feb-06	87	844	-4.5	-0.06	87
189	DUR-CBHF-195	PSK, Jagudan	22-Mar-08	79	721	-4.55	0.05	87
190	SAG-HG-10515	SAG, Bidaj	04-Dec-14	25	151	-4.77	0.15	74
191	SAG-HG-10514	SAG, Bidaj	17-Nov-13	20	153	-4.79	0.35	72
192	SAG-HX-10012	SAG, Bidaj	22-Jul-13	74	649	-5.16	0.16	87
193	SAG-HFK-27	SAG, Bidaj	24-Sep-11	75	714	-5.3	-0.16	87
194	SAG-HFS-602	SAG, Bidaj	07-Sep-11	119	1136	-5.34	-0.07	91
195	SAG-HFK-23	SAG, Bidaj	10-Jan-09	87	794	-5.37	0.02	89
196	SAG-HFS-140	SAG, Bidaj	28-Jul-09	102	1007	-5.47	-0.14	89
197	SAG-HFG-501	SAG, Bidaj	03-Jan-12	58	539	-5.5	-0.15	84
198	DSU-CBHF-18	Dama SPU	25-Oct-11	94	850	-5.54	0.03	89
199	ABC-CB-512	ABC, Salon	13-Sep-11	94	775	-5.85	0	89
200	DUR-CBHF-211	PSK, Jagudan	27-Oct-10	124	1191	-5.89	0.07	91
201	SAG-HFK-13	SAG, Bidaj	17-May-04	113	1084	-5.91	-0.17	89
202	ABC-CB-480	ABC, Salon	22-May-10	106	1057	-5.93	-0.05	90
203	ABC-CB-484	ABC, Salon	25-Sep-10	99	955	-6.54	-0.02	90
204	ABC-CB-336	ABC, Salon	13-Nov-07	74	742	-6.58	-0.07	86
205	ABC-CB-533	ABC, Salon	19-Nov-11	71	611	-6.78	0	87
206	SAG-HX-10003	SAG, Bidaj	06-Nov-12	111	998	-6.87	-0.05	90
207	SAG-HFG-505	SAG, Bidaj	12-Jan-12	83	793	-6.92	-0.03	88
208	SAG-HX-10010	SAG, Bidaj	07-Oct-13	35	293	-7.26	0.01	79
209	SAG-HFK-20	SAG, Bidaj	15-Dec-05	141	1387	-7.74	-0.09	91
210	ABC-HG-20778	ABC, Salon	07-Mar-14	25	162	-8.37	0.01	75
211	ABC-CB-230	ABC, Salon	04-Aug-05	118	1129	-8.89	-0.17	90
212	SAG-HS-10630	SAG, Bidaj	07-Nov-14	35	262	-9.53	-0.05	80
213	SAG-HS-10623	SAG, Bidaj	24-Nov-13	50	410	-9.85	-0.11	82
214	SAG-HFS-153	SAG, Bidaj	29-Jul-11	121	1175	-9.94	-0.16	91
215	SAG-HFK-09	SAG, Bidaj	25-Jan-04	51	412	-10.02	-0.01	83
216	DSU-CBHF-13	Dama SPU	25-Aug-10	122	1204	-10.06	-0.13	91
217	DUR-CBHF-197	PSK, Jagudan	11-Dec-08	69	638	-10.2	-0.2	86
218	SAG-HFG-502	SAG, Bidaj	15-May-12	103	1001	-10.39	-0.1	90
219	SAG-HFG-11	SAG, Bidaj	10-Oct-07	109	1108	-10.46	-0.22	90
220	DUR-CBHF-205	PSK, Jagudan	01-Mar-10	71	653	-10.47	-0.12	87
221	SAG-HFG-504	SAG, Bidaj	20-Dec-11	92	865	-10.89	0	89
222	SAG-HFS-127	SAG, Bidaj	03-Apr-06	117	1117	-10.99	-0.12	90
223	SAG-HFS-620	SAG, Bidaj	04-May-12	112	977	-11.02	-0.17	91
224	DUR-CBHF-213	PSK, Jagudan	09-Apr-11	93	829	-11.08	-0.07	89

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV Protein Yield	GBV Protein %	REL
225	SAG-HFS-613	SAG, Bidaj	12-Feb-12	83	779	-11.61	-0.04	88
226	ABC-CB-456	ABC, Salon	13-Dec-09	56	461	-11.67	-0.07	83
227	DSU-CBHF-8	Dama SPU	25-Nov-08	65	580	-12.02	-0.06	86
228	SAG-HK-10028	SAG, Bidaj	27-Nov-13	81	652	-12.68	-0.02	87
229	ABC-CB-418	ABC, Salon	29-Sep-09	100	993	-13.48	-0.22	89
230	ABC-CB-331	ABC, Salon	16-Feb-07	24	143	-13.61	-0.24	72
231	SAG-HFK-14	SAG, Bidaj	17-Apr-06	114	1103	-13.67	-0.36	90
232	SAG-HFS-143	SAG, Bidaj	01-Oct-09	172	1667	-13.8	-0.25	93
233	ABC-CB-453	ABC, Salon	06-Jan-09	127	1269	-14.58	-0.17	91
234	ABC-CB-564	ABC, Salon	19-Apr-11	72	637	-20.12	-0.17	86
235	SAG-HX-10006	SAG, Bidaj	31-Jan-13	66	514	-20.59	-0.19	86
236	SAG-HFG-18	SAG, Bidaj	01-Aug-08	127	1235	-21.39	-0.38	90

Trait: 305 Day Solid Not Fat (SNF) Yield
Species: Cattle
Breed: Holstein Crossbred
Date of estimation: 15 December 2021

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV SNF Yield	GBV SNF %	REL
1	SAG-HX-10017	SAG, Bidaj	12-Apr-13	18	97	97.67	1.12	70
2	SAG-HFS-95	SAG, Bidaj	07-May-05	91	768	71.51	0.62	89
3	SAG-HFS-120	SAG, Bidaj	26-Sep-06	108	1029	69.28	0.77	90
4	ALM-HX-40015	Alamadhi SS	03-Sep-13	42	283	64.78	0.74	82
5	DUR-CBHF-203	PSK, Jagudan	21-Feb-10	87	867	63.41	1.08	89
6	SAG-HFG-16	SAG, Bidaj	17-Dec-08	134	1359	60.06	0.7	91
7	SAG-HX-10026	SAG, Bidaj	21-Sep-14	19	110	51.98	0.82	72
8	SAG-HFS-131	SAG, Bidaj	02-Mar-08	95	940	50.1	0.54	90
9	SAG-HFG-23	SAG, Bidaj	17-Feb-10	82	845	49.64	0.75	88
10	SAG-HS-10638	SAG, Bidaj	14-Jun-15	17	106	49.12	0.86	70
11	SAG-HX-10024	SAG, Bidaj	30-Apr-14	23	121	47.63	0.45	72
12	ABC-CB-340	ABC, Salon	03-Aug-08	102	1029	46.29	0.74	90
13	SAG-HFS-102	SAG, Bidaj	13-Feb-05	75	749	45.31	0.53	89
14	SAG-HFS-83	SAG, Bidaj	21-Dec-03	96	820	44.97	0.72	90
15	SAG-HX-10009	SAG, Bidaj	23-Jan-13	77	655	44.5	0.71	88
16	SAG-HFS-48	SAG, Bidaj	30-Dec-02	9	69	44.01	0.89	71
17	ALM-HS-40011	Alamadhi SS	24-Mar-13	32	247	43.75	0.81	79
18	SAG-HX-10014	SAG, Bidaj	18-Nov-13	20	108	43.43	0.76	71
19	ULD-CB-850	DFSPC, Rishikesh.	19-Jan-05	74	693	42.91	0.59	87
20	SAG-HFS-108	SAG, Bidaj	07-Feb-05	131	1142	42.38	0.67	92

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV SNF Yield	GBV SNF %	REL
21	SAG-HX-10027	SAG, Bidaj	13-Sep-14	21	114	41.74	0.73	73
22	DUR-CBHF-207	PSK, Jagudan	06-Jul-12	68	658	41.33	0.74	87
23	ABC-HG-20856	ABC, Salon	14-Oct-14	36	235	41.18	1.11	79
24	SAG-HS-10635	SAG, Bidaj	25-Oct-14	22	151	40.75	0.33	75
25	SAG-HS-10633	SAG, Bidaj	16-Oct-14	40	229	40.59	0.14	81
26	SAG-HX-10019	SAG, Bidaj	13-Jan-13	67	539	40.36	0.75	87
27	SAG-HS-10624	SAG, Bidaj	15-Sep-13	28	218	39.99	0.22	77
28	ALM-HS-40019	Alamadhi SS	18-Jan-14	37	275	37.12	0.52	80
29	SAG-HFS-149	SAG, Bidaj	23-Jan-11	99	1007	36.66	0.37	90
30	SAG-HFK-11	SAG, Bidaj	06-Sep-04	99	828	36.36	0.54	90
31	SAG-HFS-79	SAG, Bidaj	28-Feb-04	61	531	36.32	0.58	85
32	SAG-HX-10001	SAG, Bidaj	23-Jan-13	89	837	36.05	0.8	89
33	SAG-HFG-26	SAG, Bidaj	14-Oct-11	86	856	35.85	0.44	89
34	SAG-HFS-125	SAG, Bidaj	20-May-06	95	923	35.68	0.24	89
35	SAG-HFS-85	SAG, Bidaj	18-Jan-04	64	552	35.23	0.54	86
36	SAG-HFS-123	SAG, Bidaj	01-Jan-06	138	1362	34.6	0.46	91
37	ABC-CB-244	ABC, Salon	23-Jan-05	100	993	33.7	0.41	90
38	SAG-HFS-100	SAG, Bidaj	26-Jul-05	75	624	33.18	0.6	88
39	SAG-HFK-25	SAG, Bidaj	05-Jul-10	76	756	32.7	0.47	88
40	SAG-HS-10629	SAG, Bidaj	08-Feb-14	21	101	31.83	0.3	74
41	DUR-CBHF-215	PSK, Jagudan	24-Sep-11	88	830	31.72	0.55	89
42	SAG-HFS-146	SAG, Bidaj	16-Sep-09	92	940	31.59	0.31	89
43	SAG-HFS-66	SAG, Bidaj	19-Sep-03	82	689	30.61	0.67	88
44	SAG-HS-10621	SAG, Bidaj	02-Oct-12	64	544	30.29	0.64	87
45	SAG-HFS-87	SAG, Bidaj	19-May-04	62	512	30.28	0.09	85
46	SAG-HFG-20	SAG, Bidaj	01-Sep-10	79	785	29.68	0.27	87
47	SAG-HX-10004	SAG, Bidaj	05-Dec-12	50	404	29.63	0.55	83
48	ABC-HS-20814	ABC, Salon	04-Aug-14	27	148	29.44	0.11	75
49	SAG-HG-10512	SAG, Bidaj	03-Oct-14	17	94	28.4	0.66	71
50	SAG-HFS-611	SAG, Bidaj	11-Sep-12	94	862	28.12	0.84	90
51	SAG-HFS-121	SAG, Bidaj	26-Mar-07	137	1311	28.04	0.24	92
52	ALM-HS-40006	Alamadhi SS	09-Aug-12	54	411	27.38	0.25	86
53	DUR-CBHF-193	PSK, Jagudan	18-Dec-07	63	594	26.17	0.5	86
54	ALM-HX-40013	Alamadhi SS	25-Apr-13	44	318	25.9	0.41	83
55	SAG-HS-10626	SAG, Bidaj	23-Apr-14	29	254	25.77	0.48	78
56	DUR-CBHF-206	PSK, Jagudan	05-Jun-10	87	794	25.57	0.58	89
57	SAG-HFS-122	SAG, Bidaj	11-Sep-07	121	1164	25.5	0.31	91
58	SAG-HFS-128	SAG, Bidaj	15-Jan-08	80	821	25.14	0.17	86

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV SNF Yield	GBV SNF %	REL
59	SAG-HFG-25	SAG, Bidaj	14-Jun-11	135	1342	25.04	0.44	92
60	ABC-CB-477	ABC, Salon	12-Mar-10	97	958	25.03	0.41	90
61	ALM-HS-40001	Alamadhi SS	17-Aug-12	45	324	24.93	0.35	84
62	SAG-HFS-608	SAG, Bidaj	04-Nov-11	81	793	24.71	0.44	89
63	SAG-HFS-70	SAG, Bidaj	08-Jul-03	131	1224	24.26	0.3	91
64	ABC-CB-529	ABC, Salon	25-Sep-11	55	455	24.24	0.9	84
65	SAG-HG-10510	SAG, Bidaj	03-Feb-14	35	265	24.22	0.58	79
66	ALM-HG-40008	Alamadhi SS	26-Jun-12	33	252	23.77	0.12	79
67	SAG-HS-10632	SAG, Bidaj	25-Sep-14	23	135	23.25	0.4	75
68	SAG-HFS-36	SAG, Bidaj	21-Jan-02	114	1127	23.25	0.05	91
69	ABC-CB-379	ABC, Salon	13-May-07	87	881	23.23	0.26	89
70	SAG-HFS-616	SAG, Bidaj	31-Jul-12	93	863	23.21	0.48	90
71	SAG-HFS-144	SAG, Bidaj	01-Jan-10	120	1201	23.2	0.24	91
72	ALM-HS-40056	Alamadhi SS	31-May-11	44	350	22.65	0.23	82
73	SAG-HFS-130	SAG, Bidaj	05-Jun-05	113	1091	22.34	0.27	90
74	SAG-HG-10516	SAG, Bidaj	01-Feb-15	20	126	22.31	0.3	73
75	DSU-CBHF-9	Dama SPU	10-Apr-10	93	921	22.12	0.45	89
76	SAG-HFS-606	SAG, Bidaj	12-Mar-12	135	1314	21.98	0.48	92
77	ALM-HX-40018	Alamadhi SS	07-Jan-14	49	353	21.78	0.4	85
78	SAG-HS-10625	SAG, Bidaj	03-Mar-13	61	461	21.63	0.66	85
79	ALM-HS-40057	Alamadhi SS	01-Feb-12	64	492	21.62	0.26	86
80	SAG-HFS-145	SAG, Bidaj	28-Aug-10	102	1037	21.57	0.29	90
81	SAG-HS-10628	SAG, Bidaj	28-Aug-14	26	145	21.29	0.04	76
82	SAG-HFG-22	SAG, Bidaj	17-Jun-10	172	1772	21.03	0.25	93
83	SAG-HFS-151	SAG, Bidaj	24-Mar-11	114	1124	20.33	0.32	91
84	SAG-HFG-503	SAG, Bidaj	23-Sep-11	72	660	20.05	0.27	88
85	ABC-HG-20772	ABC, Salon	21-Aug-13	50	328	19.58	0.65	83
86	SAG-HFS-28	SAG, Bidaj	19-Sep-00	1	10	18.98	0.22	77
87	SAG-HX-10005	SAG, Bidaj	24-May-13	115	1064	18.75	0.51	91
88	DUR-CBHF-192	PSK, Jagudan	24-Nov-07	88	836	18.62	0.54	89
89	SAG-HS-10636	SAG, Bidaj	18-Mar-15	16	105	18.34	0.81	72
90	ABC-CB-381	ABC, Salon	02-Aug-07	99	979	17.58	0.22	90
91	ABC-CB-240	ABC, Salon	14-Apr-04	96	963	17.4	0.09	90
92	DUR-CBHF-198	PSK, Jagudan	15-Jan-09	104	1009	17.2	0.49	90
93	ABC-HS-20730	ABC, Salon	28-May-13	36	232	17.11	0.25	78
94	SAG-HFS-147	SAG, Bidaj	18-Dec-10	121	1184	16.59	0.13	91
95	SAG-HK-10029	SAG, Bidaj	08-Jan-14	32	204	16.56	0.25	77
96	ULD-CB-860	DFSPC, Rishikesh.	12-Dec-05	68	666	16.41	0.3	87

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV SNF Yield	GBV SNF %	REL
97	SAG-HX-10011	SAG, Bidaj	06-Jun-13	69	580	16.38	0.17	87
98	SAG-HG-10513	SAG, Bidaj	09-Sep-13	29	179	16.32	0.21	78
99	DUR-CBHF-202	PSK, Jagudan	09-Dec-09	96	952	15.55	0.23	90
100	SAG-HFG-508	SAG, Bidaj	24-Apr-12	33	267	15.17	0.55	79
101	SAG-HFS-80	SAG, Bidaj	15-Jun-04	103	837	15.08	0.69	90
102	SAG-HFS-137	SAG, Bidaj	03-Dec-07	96	970	15.03	0.13	89
103	ABC-CB-417	ABC, Salon	02-Aug-09	114	1149	15	0.23	90
104	SAG-HFS-114	SAG, Bidaj	23-Aug-05	19	194	14.76	0.13	75
105	SAG-HFS-124	SAG, Bidaj	21-Oct-05	138	1374	14.62	0.13	92
106	SAG-HFG-15	SAG, Bidaj	27-Jul-08	129	1305	13.67	0.1	92
107	SAG-HFS-134	SAG, Bidaj	01-May-08	145	1473	13.65	0.17	93
108	SAG-HX-10020	SAG, Bidaj	28-Oct-13	31	240	13.26	0.38	78
109	ABC-CB-183	ABC, Salon	03-Jul-03	126	1239	13.22	0.22	91
110	ALM-HX-40012	Alamadhi SS	25-Mar-14	44	371	12.74	0.04	83
111	ABC-CB-577	ABC, Salon	06-Jan-12	60	435	12.54	0.25	85
112	SAG-HFS-86	SAG, Bidaj	11-Aug-04	102	877	12.13	0.23	90
113	SAG-HFS-618	SAG, Bidaj	02-Jul-12	51	456	11.59	0.34	84
114	SAG-HFS-98	SAG, Bidaj	07-Sep-05	88	758	11.41	-0.04	89
115	SAG-HFS-601	SAG, Bidaj	29-Dec-10	79	807	11.18	0.28	89
116	ABC-CB-454	ABC, Salon	23-Mar-09	89	889	11.05	0.23	88
117	SAG-HX-10015	SAG, Bidaj	20-Nov-13	45	389	11.04	0.48	83
118	SAG-HFS-138	SAG, Bidaj	16-Dec-08	102	1045	10.84	0.01	90
119	ABC-CB-524	ABC, Salon	02-Oct-11	66	537	9.94	0.44	86
120	ABC-CB-528	ABC, Salon	09-Jul-10	87	820	9.77	0.08	89
121	SAG-HFS-141	SAG, Bidaj	11-Mar-08	97	982	9.76	-0.12	89
122	SAG-HFS-612	SAG, Bidaj	04-Aug-12	98	893	9.71	0.34	90
123	SAG-HFS-46	SAG, Bidaj	20-May-03	209	2126	9.45	0.01	94
124	ABC-CB-695	ABC, Salon	10-Oct-09	78	657	9.34	0.51	88
125	DSU-CBHF-10	Dama SPU	11-Apr-09	81	805	9.14	0.31	88
126	SAG-HFS-155	SAG, Bidaj	02-Sep-11	130	1280	8.66	0.16	92
127	SAG-HFS-603	SAG, Bidaj	14-Jan-12	94	884	8.21	0.11	90
128	ABC-CB-362	ABC, Salon	01-Oct-08	106	1050	7.5	-0.05	89
129	SAG-HFK-22	SAG, Bidaj	10-Jul-09	163	1638	7.31	-0.14	93
130	SAG-HFG-19	SAG, Bidaj	21-Jul-09	120	1194	7.21	-0.03	91
131	SAG-HFS-148	SAG, Bidaj	08-Nov-11	117	1150	7.08	-0.05	91
132	SAG-HFG-13	SAG, Bidaj	22-Mar-07	141	1378	6.67	0.21	92
133	SAG-HFS-117	SAG, Bidaj	09-Aug-06	184	1820	6.29	-0.13	93
134	SAG-HFS-610	SAG, Bidaj	21-Oct-11	91	834	6.29	0.26	90

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV SNF Yield	GBV SNF %	REL
135	ALM-HS-40003	Alamadhi SS	05-Feb-12	40	262	6.07	0.47	80
136	SAG-HFS-81	SAG, Bidaj	24-Nov-03	12	88	6.04	-0.09	74
137	SAG-HFS-116	SAG, Bidaj	24-Apr-06	96	883	5.67	-0.2	89
138	SAG-HFS-94	SAG, Bidaj	04-Jan-04	82	673	5.2	0.22	87
139	SAG-HFS-101	SAG, Bidaj	21-Sep-05	94	776	4.96	-0.04	89
140	SAG-HFS-132	SAG, Bidaj	19-Feb-08	114	1167	4.96	-0.26	91
141	ABC-CB-534	ABC, Salon	21-Dec-11	32	264	4.86	0.14	79
142	ABC-CB-561	ABC, Salon	20-Dec-09	71	678	4.25	0.17	86
143	ABC-CB-696	ABC, Salon	08-Apr-09	104	952	4.24	0.27	90
144	SAG-HFS-615	SAG, Bidaj	25-Nov-12	87	797	4.07	0.16	89
145	SAG-HFS-129	SAG, Bidaj	04-Nov-07	97	919	4.03	-0.05	92
146	SAG-HG-10509	SAG, Bidaj	26-Apr-14	53	419	4.02	0.34	84
147	SAG-HFS-607	SAG, Bidaj	20-Feb-12	114	1082	3.83	-0.06	91
148	SAG-HFS-619	SAG, Bidaj	24-Feb-12	79	690	3.13	0.55	88
149	SAG-HX-10007	SAG, Bidaj	25-Feb-13	74	649	2.86	0.21	88
150	DUR-CBHF-210	PSK, Jagudan	03-Dec-10	111	1036	2.67	0.18	91
151	SAG-HFG-507	SAG, Bidaj	29-Dec-11	47	357	2.45	0.09	83
152	SAG-HFS-154	SAG, Bidaj	21-Apr-12	117	1154	2.07	-0.01	91
153	ABC-HK-20770	ABC, Salon	23-Jan-14	81	625	2.06	0.49	88
154	DUR-CBHF-200	PSK, Jagudan	15-Apr-09	92	848	1.84	0.1	89
155	DUR-CBHF-212	PSK, Jagudan	15-Jan-11	106	988	1.71	0.2	91
156	SAG-HFK-18	SAG, Bidaj	31-Aug-08	148	1456	1.54	-0.25	92
157	DUR-CBHF-216	PSK, Jagudan	10-Jul-11	89	854	0.78	0.23	89
158	SAG-HFS-609	SAG, Bidaj	13-Aug-12	107	1024	0.23	0.13	91
159	SAG-HG-10511	SAG, Bidaj	21-Feb-14	50	403	0.2	-0.18	84
160	ABC-CB-485	ABC, Salon	02-Oct-10	104	1020	-1	0.07	91
161	DSU-CBHF-16	Dama SPU	05-Jan-12	67	591	-1.17	0.14	87
162	SAG-HFS-91	SAG, Bidaj	17-Oct-04	83	715	-1.54	-0.35	89
163	ABC-CB-511	ABC, Salon	08-Jul-11	51	463	-1.98	-0.06	84
164	SAG-HFG-10	SAG, Bidaj	16-Sep-07	117	1123	-2.03	0.12	90
165	SAG-HS-10634	SAG, Bidaj	14-Sep-14	17	96	-2.1	-0.36	72
166	ABC-CB-314	ABC, Salon	01-Sep-06	103	1022	-2.19	-0.1	89
167	DUR-CBHF-194	PSK, Jagudan	13-Mar-08	72	667	-2.31	0.26	87
168	SAG-HFG-17	SAG, Bidaj	07-Feb-09	131	1331	-2.35	-0.15	91
169	SAG-HFG-12	SAG, Bidaj	10-Jun-07	165	1610	-2.64	-0.09	94
170	SAG-HFS-617	SAG, Bidaj	19-Oct-12	97	869	-3.06	0.02	90
171	SAG-HFS-113	SAG, Bidaj	08-Sep-05	115	1153	-3.1	0.09	90
172	ABC-CB-434	ABC, Salon	30-Jan-09	149	1505	-3.39	-0.41	92

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV SNF Yield	GBV SNF %	REL
173	ABC-CB-353	ABC, Salon	04-Apr-06	127	1258	-3.5	-0.08	92
174	SAG-HG-10514	SAG, Bidaj	17-Nov-13	20	153	-3.7	0.66	73
175	SAG-HFK-15	SAG, Bidaj	21-Dec-05	116	1116	-3.93	-0.31	90
176	ABC-CB-697	ABC, Salon	18-Sep-09	68	605	-4	0.09	86
177	DSU-CBHF-15	Dama SPU	15-Aug-10	102	943	-4.22	-0.2	90
178	SAG-HFS-84	SAG, Bidaj	24-Dec-03	87	724	-4.67	0.53	90
179	SAG-HFG-24	SAG, Bidaj	30-May-10	94	922	-5.25	-0.09	89
180	ABC-CB-330	ABC, Salon	20-Dec-06	99	968	-5.46	-0.21	89
181	SAG-HFS-126	SAG, Bidaj	25-Jul-06	102	986	-5.66	0.01	90
182	SAG-HFG-05	SAG, Bidaj	09-May-03	89	717	-5.88	-0.07	88
183	DSU-CBHF-14	Dama SPU	14-Sep-10	90	849	-5.97	-0.11	89
184	SAG-HFS-605	SAG, Bidaj	18-Dec-11	95	893	-6.89	-0.04	90
185	SAG-HFK-17	SAG, Bidaj	07-Feb-09	122	1236	-7.03	-0.43	91
186	SAG-HFG-506	SAG, Bidaj	12-Aug-12	85	805	-7.94	-0.03	89
187	DUR-CBHF-184	PSK, Jagudan	17-Dec-06	124	1225	-8.08	0.15	92
188	ABC-CB-584	ABC, Salon	24-Oct-11	49	436	-8.27	-0.02	83
189	SAG-HG-10515	SAG, Bidaj	04-Dec-14	25	151	-9.56	0.27	75
190	SAG-HFS-119	SAG, Bidaj	02-Sep-06	106	1009	-9.79	-0.3	91
191	DUR-CBHF-195	PSK, Jagudan	22-Mar-08	79	721	-11.14	0.07	88
192	SAG-HFS-103	SAG, Bidaj	31-Aug-05	113	1108	-11.58	-0.52	91
193	SAG-HFK-23	SAG, Bidaj	10-Jan-09	87	794	-11.62	-0.11	89
194	SAG-HX-10012	SAG, Bidaj	22-Jul-13	74	649	-11.65	0.33	88
195	SAG-HFS-115	SAG, Bidaj	15-Feb-06	87	844	-12.55	-0.19	88
196	SAG-HFG-14	SAG, Bidaj	13-May-08	189	1911	-12.59	-0.26	95
197	DUR-CBHF-211	PSK, Jagudan	27-Oct-10	124	1191	-13	0.03	92
198	DSU-CBHF-18	Dama SPU	25-Oct-11	94	850	-13.87	-0.01	90
199	ABC-CB-512	ABC, Salon	13-Sep-11	94	775	-14.39	-0.12	89
200	SAG-HFK-27	SAG, Bidaj	24-Sep-11	75	714	-14.42	-0.52	88
201	ABC-CB-336	ABC, Salon	13-Nov-07	74	742	-14.94	-0.38	87
202	ABC-CB-480	ABC, Salon	22-May-10	106	1057	-15.1	-0.22	91
203	ABC-CB-484	ABC, Salon	25-Sep-10	99	955	-15.43	-0.21	90
204	ABC-CB-533	ABC, Salon	19-Nov-11	71	611	-15.89	-0.15	87
205	SAG-HFK-13	SAG, Bidaj	17-May-04	113	1084	-16.68	-0.52	90
206	SAG-HFS-602	SAG, Bidaj	07-Sep-11	119	1136	-16.74	-0.15	91
207	SAG-HFS-140	SAG, Bidaj	28-Jul-09	102	1007	-17.21	-0.37	90
208	ABC-HG-20778	ABC, Salon	07-Mar-14	25	162	-17.36	-0.26	76
209	SAG-HX-10010	SAG, Bidaj	07-Oct-13	35	293	-17.59	-0.12	80
210	SAG-HFG-501	SAG, Bidaj	03-Jan-12	58	539	-18.24	-0.34	85

Sr. No	Bull ID	Semen Station	DOB	No of Daughters used for analysis	No of records used for analysis	GBV SNF Yield	GBV SNF %	REL
211	SAG-HX-10003	SAG, Bidaj	06-Nov-12	111	998	-18.51	-0.22	91
212	SAG-HFK-20	SAG, Bidaj	15-Dec-05	141	1387	-18.93	-0.42	92
213	SAG-HFG-505	SAG, Bidaj	12-Jan-12	83	793	-19.95	-0.11	89
214	SAG-HFK-09	SAG, Bidaj	25-Jan-04	51	411	-20.65	-0.4	84
215	SAG-HS-10623	SAG, Bidaj	24-Nov-13	50	410	-23.96	-0.53	83
216	SAG-HFS-153	SAG, Bidaj	29-Jul-11	121	1175	-24.73	-0.67	91
217	SAG-HS-10630	SAG, Bidaj	07-Nov-14	35	262	-24.82	-0.29	80
218	DSU-CBHF-13	Dama SPU	25-Aug-10	122	1204	-25.85	-0.54	92
219	ABC-CB-230	ABC, Salon	04-Aug-05	118	1129	-26.29	-0.47	91
220	SAG-HFG-502	SAG, Bidaj	15-May-12	103	1001	-26.4	-0.47	91
221	SAG-HFG-504	SAG, Bidaj	20-Dec-11	92	865	-26.83	-0.2	90
222	SAG-HFG-11	SAG, Bidaj	10-Oct-07	109	1108	-28.06	-0.77	90
223	DUR-CBHF-205	PSK, Jagudan	01-Mar-10	71	653	-28.43	-0.44	87
224	DUR-CBHF-197	PSK, Jagudan	11-Dec-08	69	638	-29.08	-0.61	87
225	ABC-CB-456	ABC, Salon	13-Dec-09	56	461	-29.22	-0.4	83
226	DUR-CBHF-213	PSK, Jagudan	09-Apr-11	93	829	-29.82	-0.3	89
227	SAG-HFS-613	SAG, Bidaj	12-Feb-12	83	779	-30.51	-0.27	89
228	DSU-CBHF-8	Dama SPU	25-Nov-08	65	580	-31.06	-0.36	87
229	SAG-HK-10028	SAG, Bidaj	27-Nov-13	81	652	-31.82	-0.28	88
230	SAG-HFS-620	SAG, Bidaj	04-May-12	112	977	-32.14	-0.49	91
231	SAG-HFS-127	SAG, Bidaj	03-Apr-06	117	1117	-32.17	-0.34	90
232	ABC-CB-418	ABC, Salon	29-Sep-09	100	993	-34.85	-0.85	90
233	ABC-CB-331	ABC, Salon	16-Feb-07	24	143	-35.52	-0.88	73
234	SAG-HFS-143	SAG, Bidaj	01-Oct-09	172	1667	-36.08	-0.92	93
235	ABC-CB-453	ABC, Salon	06-Jan-09	127	1269	-37.72	-0.73	91
236	SAG-HFK-14	SAG, Bidaj	17-Apr-06	114	1103	-42.06	-0.95	90
237	SAG-HX-10006	SAG, Bidaj	31-Jan-13	66	514	-53.71	-0.85	87
238	ABC-CB-564	ABC, Salon	19-Apr-11	72	637	-54.23	-0.71	87
239	SAG-HFG-18	SAG, Bidaj	01-Aug-08	127	1235	-57.29	-1.38	91

Trait: Open Period (Days)
Species: Cattle
Breed: Holstein Crossbred
Date of estimation: 15 December 2021

Sr. No.	Bull ID	Semen Station	DOB	No. of Daughter records used for analysis	GBV Days Open	REL
1	ABC-HK-20770	ABC, Salon	23/Jan/2014	41	-81.39	71
2	SAG-HX-10006	SAG, Bidaj	31/Jan/2013	34	-78.90	69
3	SAG-HG-10509	SAG, Bidaj	26/Apr/2014	22	-77.80	61

Sr. No.	Bull ID	Semen Station	DOB	No. of Daughter records used for analysis	GBV Days Open	REL
4	SAG-HFG-504	SAG, Bidaj	20/Dec/2011	69	-71.18	79
5	SAG-HX-10015	SAG, Bidaj	20/Nov/2013	23	-70.22	59
6	SAG-HK-10028	SAG, Bidaj	27/Nov/2013	39	-64.11	69
7	ALM-HS-40003	Alamadhi SS	5/Feb/2012	13	-63.61	48
8	SAG-HK-10029	SAG, Bidaj	8/Jan/2014	12	-58.67	46
9	ABC-CB-564	ABC, Salon	19/Apr/2011	42	-57.40	67
10	ABC-CB-584	ABC, Salon	24/Oct/2011	36	-56.42	69
11	ABC-HG-20772	ABC, Salon	21/Aug/2013	20	-53.74	57
12	SAG-HS-10625	SAG, Bidaj	3/Mar/2013	33	-53.07	68
13	SAG-HX-10010	SAG, Bidaj	7/Oct/2013	21	-52.66	59
14	ABC-HG-20778	ABC, Salon	7/Mar/2014	12	-50.47	51
15	SAG-HFG-503	SAG, Bidaj	23/Sep/2011	44	-49.02	72
16	SAG-HS-10630	SAG, Bidaj	7/Nov/2014	14	-48.28	54
17	SAG-HFS-612	SAG, Bidaj	4/Aug/2012	60	-46.58	78
18	SAG-HS-10623	SAG, Bidaj	24/Nov/2013	27	-46.48	59
19	DSU-CBHF-8	Dama SPU	25/Nov/2008	45	-46.33	73
20	ABC-CB-529	ABC, Salon	25/Sep/2011	19	-45.85	55
21	SAG-HFG-505	SAG, Bidaj	12/Jan/2012	49	-43.86	74
22	ABC-HS-20730	ABC, Salon	28/May/2013	9	-43.61	36
23	ABC-CB-485	ABC, Salon	2/Oct/2010	75	-43.44	80
24	SAG-HX-10020	SAG, Bidaj	28/Oct/2013	16	-43.24	52
25	SAG-HG-10513	SAG, Bidaj	9/Sep/2013	10	-41.16	51
26	SAG-HFK-23	SAG, Bidaj	10/Jan/2009	53	-41.07	75
27	SAG-HFG-501	SAG, Bidaj	3/Jan/2012	42	-40.06	69
28	ABC-CB-524	ABC, Salon	2/Oct/2011	30	-39.66	66
29	ABC-CB-533	ABC, Salon	19/Nov/2011	36	-39.49	68
30	DUR-CBHF-213	PSK, Jagudan	9/Apr/2011	59	-38.57	76
31	ABC-CB-697	ABC, Salon	18/Sep/2009	39	-38.34	67
32	SAG-HG-10514	SAG, Bidaj	17/Nov/2013	10	-38.29	47
33	SAG-HS-10626	SAG, Bidaj	23/Apr/2014	16	-37.98	56
34	ABC-CB-577	ABC, Salon	6/Jan/2012	28	-37.76	64
35	SAG-HX-10012	SAG, Bidaj	22/Jul/2013	41	-36.76	72
36	SAG-HFS-35	SAG, Bidaj	9/Feb/2001	7	-35.30	37
37	SAG-HFK-20	SAG, Bidaj	15/Dec/2005	123	-34.87	83
38	SAG-HX-10019	SAG, Bidaj	13/Jan/2013	34	-34.69	68
39	SAG-HFS-613	SAG, Bidaj	12/Feb/2012	46	-34.69	73
40	DUR-CBHF-205	PSK, Jagudan	1/Mar/2010	42	-34.31	70
41	SAG-HX-10007	SAG, Bidaj	25/Feb/2013	39	-33.44	70
42	SAG-HS-10634	SAG, Bidaj	14/Sep/2014	7	-33.33	46
43	ALM-HS-40057	Alamadhi SS	1/Feb/2012	27	-33.20	64
44	SAG-HS-10624	SAG, Bidaj	15/Sep/2013	12	-33.19	50
45	SAG-HFG-26	SAG, Bidaj	14/Oct/2011	73	-32.50	79

Sr. No.	Bull ID	Semen Station	DOB	No. of Daughter records used for analysis	GBV Days Open	REL
46	SAG-HS-10621	SAG, Bidaj	2/Oct/2012	39	-32.27	70
47	SAG-HFS-609	SAG, Bidaj	13/Aug/2012	60	-32.18	77
48	SAG-HFS-610	SAG, Bidaj	21/Oct/2011	67	-31.94	79
49	DUR-CBHF-215	PSK, Jagudan	24/Sep/2011	60	-31.71	76
50	DSU-CBHF-15	Dama SPU	15/Aug/2010	61	-31.61	77
51	ALM-HS-40001	Alamadhi SS	17/Aug/2012	9	-31.55	54
52	SAG-HFS-617	SAG, Bidaj	19/Oct/2012	55	-30.86	76
53	SAG-HFS-616	SAG, Bidaj	31/Jul/2012	49	-30.76	75
54	DUR-CBHF-200	PSK, Jagudan	15/Apr/2009	60	-30.63	76
55	DUR-CBHF-192	PSK, Jagudan	24/Nov/2007	55	-30.57	74
56	SAG-HFS-140	SAG, Bidaj	28/Jul/2009	85	-30.37	80
57	DUR-CBHF-210	PSK, Jagudan	3/Dec/2010	62	-30.11	76
58	DUR-CBHF-198	PSK, Jagudan	15/Jan/2009	81	-29.11	79
59	ABC-CB-561	ABC, Salon	20/Dec/2009	48	-28.62	70
60	ALM-HS-40019	Alamadhi SS	18/Jan/2014	13	-28.59	51
61	ABC-CB-484	ABC, Salon	25/Sep/2010	76	-27.97	81
62	SAG-HX-10003	SAG, Bidaj	6/Nov/2012	64	-27.96	79
63	DUR-CBHF-202	PSK, Jagudan	9/Dec/2009	61	-27.78	76
64	DSU-CBHF-16	Dama SPU	5/Jan/2012	34	-27.60	65
65	ABC-CB-331	ABC, Salon	16/Feb/2007	8	-27.18	36
66	DSU-CBHF-18	Dama SPU	25/Oct/2011	67	-26.07	78
67	ALM-HS-40011	Alamadhi SS	24/Mar/2013	14	-26.03	54
68	ABC-HG-20776	ABC, Salon	17/Oct/2013	5	-25.62	39
69	ABC-CB-511	ABC, Salon	8/Jul/2011	31	-25.56	65
70	DUR-CBHF-195	PSK, Jagudan	22/Mar/2008	52	-24.80	73
71	SAG-HFG-507	SAG, Bidaj	29/Dec/2011	15	-24.10	57
72	DUR-CBHF-184	PSK, Jagudan	17/Dec/2006	99	-24.08	83
73	ABC-CB-696	ABC, Salon	8/Apr/2009	62	-24.08	76
74	ALM-HS-40006	Alamadhi SS	9/Aug/2012	22	-24.03	64
75	SAG-HFK-18	SAG, Bidaj	31/Aug/2008	139	-23.58	86
76	DUR-CBHF-197	PSK, Jagudan	11/Dec/2008	42	-23.17	71
77	ABC-CB-456	ABC, Salon	13/Dec/2009	38	-22.86	65
78	SAG-HG-10515	SAG, Bidaj	4/Dec/2014	4	-22.85	36
79	DUR-CBHF-206	PSK, Jagudan	5/Jun/2010	42	-22.78	71
80	SAG-HFS-153	SAG, Bidaj	29/Jul/2011	94	-22.57	82
81	ALM-HX-40013	Alamadhi SS	25/Apr/2013	18	-22.52	58
82	ABC-CB-418	ABC, Salon	29/Sep/2009	81	-22.29	79
83	SAG-HFS-620	SAG, Bidaj	4/May/2012	65	-21.30	79
84	SAG-HFS-148	SAG, Bidaj	8/Nov/2011	78	-20.83	80
85	SAG-HFS-618	SAG, Bidaj	2/Jul/2012	30	-20.69	68
86	SAG-HFS-119	SAG, Bidaj	2/Sep/2006	117	-19.91	84
87	SAG-HX-10005	SAG, Bidaj	24/May/2013	74	-19.83	80

Sr. No.	Bull ID	Semen Station	DOB	No. of Daughter records used for analysis	GBV Days Open	REL
88	ABC-CB-512	ABC, Salon	13/Sep/2011	47	-19.19	73
89	SAG-HG-10512	SAG, Bidaj	3/Oct/2014	5	-18.55	44
90	SAG-HFS-619	SAG, Bidaj	24/Feb/2012	40	-18.54	70
91	DUR-CBHF-211	PSK, Jagudan	27/Oct/2010	76	-17.17	80
92	SAG-HX-10001	SAG, Bidaj	23/Jan/2013	61	-17.06	77
93	DUR-CBHF-217	PSK, Jagudan	30/Dec/2011	8	-17.01	24
94	DUR-CBHF-216	PSK, Jagudan	10/Jul/2011	67	-16.89	78
95	SAG-HFS-32	SAG, Bidaj	17/Jun/2001	11	-16.27	51
96	SAG-HFG-11	SAG, Bidaj	10/Oct/2007	80	-16.10	80
97	SAG-HS-10635	SAG, Bidaj	25/Oct/2014	7	-16.08	44
98	SAG-HFS-605	SAG, Bidaj	18/Dec/2011	73	-16.06	80
99	SAG-HFS-36	SAG, Bidaj	21/Jan/2002	108	-15.76	84
100	SAG-HFS-39	SAG, Bidaj	8/Aug/2002	21	-15.61	58
101	SAG-HX-10025	SAG, Bidaj	22/Feb/2014	5	-15.48	37
102	SAG-HX-10008	SAG, Bidaj	11/Jul/2013	1	-14.32	17
103	SAG-HS-10636	SAG, Bidaj	18/Mar/2015	2	-13.86	39
104	SAG-HFG-502	SAG, Bidaj	15/May/2012	82	-13.74	80
105	ABC-CB-695	ABC, Salon	10/Oct/2009	41	-13.74	69
106	SAG-HFS-50	SAG, Bidaj	15/Oct/2002	31	-13.71	59
107	SAG-HX-10004	SAG, Bidaj	5/Dec/2012	21	-13.47	58
108	SAG-HFS-603	SAG, Bidaj	14/Jan/2012	57	-13.27	76
109	ABC-CB-183	ABC, Salon	3/Jul/2003	103	-13.24	82
110	SAG-HS-10632	SAG, Bidaj	25/Sep/2014	4	-12.87	39
111	SAG-HX-10024	SAG, Bidaj	30/Apr/2014	2	-12.16	23
112	ABC-HG-20856	ABC, Salon	14/Oct/2014	10	-11.99	49
113	ABC-CB-353	ABC, Salon	4/Apr/2006	99	-11.62	83
114	SAG-HG-10516	SAG, Bidaj	1/Feb/2015	3	-11.46	42
115	DUR-CBHF-194	PSK, Jagudan	13/Mar/2008	44	-11.28	69
116	SAG-HX-10009	SAG, Bidaj	23/Jan/2013	30	-11.15	67
117	DUR-CBHF-212	PSK, Jagudan	15/Jan/2011	63	-10.68	77
118	ALM-HS-40056	Alamadhi SS	31/May/2011	21	-10.68	61
119	ALM-HG-40008	Alamadhi SS	26/Jun/2012	18	-10.65	56
120	SAG-HX-10030	SAG, Bidaj	12/Jul/2015	3	-10.49	25
121	SAG-HX-10023	SAG, Bidaj	24/Jan/2014	1	-10.29	26
122	ABC-HS-20814	ABC, Salon	4/Aug/2014	6	-9.90	40
123	SAG-HFK-10	SAG, Bidaj	16/May/2002	22	-9.77	57
124	SAG-HX-10027	SAG, Bidaj	13/Sep/2014	2	-9.35	30
125	SAG-HX-10014	SAG, Bidaj	18/Nov/2013	4	-8.74	29
126	ABC-HS-20792	ABC, Salon	25/Feb/2014	1	-8.60	9
127	SAG-HFS-606	SAG, Bidaj	12/Mar/2012	93	-8.56	83
128	SAG-HX-10016	SAG, Bidaj	12/Jan/2013	1	-8.46	15
129	ALM-HX-40012	Alamadhi SS	25/Mar/2014	21	-8.01	60

Sr. No.	Bull ID	Semen Station	DOB	No. of Daughter records used for analysis	GBV Days Open	REL
130	ALM-HX-40016	Alamadhi SS	13/Sep/2013	1	-7.46	5
131	ALM-HX-40015	Alamadhi SS	3/Sep/2013	13	-7.37	50
132	DSU-CBHF-9	Dama SPU	10/Apr/2010	59	-7.30	75
133	ABC-CB-362	ABC, Salon	1/Oct/2008	73	-6.03	75
134	SAG-HS-10637	SAG, Bidaj	30/Apr/2015	2	-5.97	33
135	SAG-HS-10638	SAG, Bidaj	14/Jun/2015	2	-5.73	34
136	DSU-CBHF-13	Dama SPU	25/Aug/2010	86	-5.60	81
137	DUR-CBHF-193	PSK, Jagudan	18/Dec/2007	35	-5.42	64
138	ABC-HS-20813	ABC, Salon	3/Aug/2014	1	-5.16	33
139	SAG-HFS-615	SAG, Bidaj	25/Nov/2012	44	-5.13	72
140	SAG-HFS-144	SAG, Bidaj	1/Jan/2010	84	-5.04	81
141	SAG-HX-10034	SAG, Bidaj	29/Apr/2015	1	-4.76	20
142	SAG-HFK-25	SAG, Bidaj	5/Jul/2010	57	-4.73	76
143	SAG-HS-10633	SAG, Bidaj	16/Oct/2014	8	-4.62	45
144	SAG-HFS-25	SAG, Bidaj	25/Jan/2000	15	-4.48	64
145	SAG-HFS-80	SAG, Bidaj	15/Jun/2004	103	-4.05	81
146	SAG-HFK-13	SAG, Bidaj	17/May/2004	97	-3.95	81
147	SAG-HFG-22	SAG, Bidaj	17/Jun/2010	126	-3.86	85
148	SAG-HFG-17	SAG, Bidaj	7/Feb/2009	106	-3.49	83
149	SAG-HX-10032	SAG, Bidaj	5/Jan/2015	1	-3.49	19
150	SAG-HFS-611	SAG, Bidaj	11/Sep/2012	52	-3.42	73
151	DSU-CBHF-10	Dama SPU	11/Apr/2009	65	-3.24	77
152	SAG-HFS-147	SAG, Bidaj	18/Dec/2010	94	-3.14	82
153	SAG-HFK-14	SAG, Bidaj	17/Apr/2006	105	-2.14	81
154	ABC-CB-528	ABC, Salon	9/Jul/2010	61	-2.05	76
155	SAG-HFS-155	SAG, Bidaj	2/Sep/2011	88	-2.04	82
156	SAG-HFS-145	SAG, Bidaj	28/Aug/2010	68	-1.26	78
157	SAG-HFG-506	SAG, Bidaj	12/Aug/2012	51	-1.25	72
158	SAG-HFS-132	SAG, Bidaj	19/Feb/2008	103	-1.18	81
159	SAG-HFS-120	SAG, Bidaj	26/Sep/2006	99	-0.99	82
160	ABC-CB-336	ABC, Salon	13/Nov/2007	48	-0.94	69
161	SAG-HFS-130	SAG, Bidaj	5/Jun/2005	108	-0.86	82
162	SAG-HFS-143	SAG, Bidaj	1/Oct/2009	131	-0.79	85
163	SAG-HFS-134	SAG, Bidaj	1/May/2008	129	-0.77	86
164	SAG-HFK-22	SAG, Bidaj	10/Jul/2009	116	-0.65	84
165	DUR-CBHF-365	PSK, Jagudan	15/Nov/2010	1	-0.22	5
166	ALM-HX-40080	Alamadhi SS	9/Apr/2014	1	-0.01	5
167	DUR-CBHF-219	PSK, Jagudan	18/Feb/2012	1	0.00	0
168	SAG-HFS-118	SAG, Bidaj	11/Nov/2006	1	0.49	5
169	ABC-CB-477	ABC, Salon	12/Mar/2010	65	1.22	78
170	SAG-HG-10510	SAG, Bidaj	3/Feb/2014	12	1.25	48
171	SAG-HFS-141	SAG, Bidaj	11/Mar/2008	72	1.29	76

Sr. No.	Bull ID	Semen Station	DOB	No. of Daughter records used for analysis	GBV Days Open	REL
172	SAG-HX-10017	SAG, Bidaj	12/Apr/2013	4	1.37	35
173	SAG-HFG-14	SAG, Bidaj	13/May/2008	157	1.38	90
174	SAG-HFS-68	SAG, Bidaj	28/Mar/2003	28	1.54	63
175	ABC-CB-434	ABC, Salon	30/Jan/2009	111	1.60	84
176	SAG-HFS-22	SAG, Bidaj	6/Feb/2001	12	1.84	52
177	SAG-HX-10011	SAG, Bidaj	6/Jun/2013	32	1.86	68
178	SAG-HFS-602	SAG, Bidaj	7/Sep/2011	67	1.87	79
179	SAG-HFS-129	SAG, Bidaj	4/Nov/2007	101	2.25	86
180	ABC-CB-534	ABC, Salon	21/Dec/2011	15	2.42	51
181	SAG-HFG-25	SAG, Bidaj	14/Jun/2011	97	2.74	84
182	SAG-HFS-607	SAG, Bidaj	20/Feb/2012	67	2.92	80
183	SAG-HFS-601	SAG, Bidaj	29/Dec/2010	53	3.12	75
184	SAG-HX-10026	SAG, Bidaj	21/Sep/2014	1	3.18	28
185	SAG-HG-10518	SAG, Bidaj	14/Sep/2014	1	3.35	23
186	SAG-HFS-151	SAG, Bidaj	24/Mar/2011	89	3.36	82
187	ABC-CB-480	ABC, Salon	22/May/2010	65	4.26	78
188	ULD-CB-860	DFSPC, Rishikesh.	12/Dec/2005	49	4.29	5
189	SAG-HFS-154	SAG, Bidaj	21/Apr/2012	75	4.74	80
190	SAG-HFS-91	SAG, Bidaj	17/Oct/2004	103	4.76	82
191	SAG-HG-10511	SAG, Bidaj	21/Feb/2014	24	4.88	62
192	DUR-CBHF-203	PSK, Jagudan	21/Feb/2010	50	4.94	73
193	SAG-HFS-23	SAG, Bidaj	19/Jan/2001	8	5.77	37
194	ULD-CB-850	DFSPC, Rishikesh.	19/Jan/2005	47	5.86	33
195	SAG-HFG-15	SAG, Bidaj	27/Jul/2008	143	6.26	88
196	SAG-HFS-137	SAG, Bidaj	3/Dec/2007	80	6.85	79
197	ALM-HX-40018	Alamadhi SS	7/Jan/2014	15	6.89	59
198	SAG-HFS-103	SAG, Bidaj	31/Aug/2005	98	7.17	82
199	SAG-HFS-24	SAG, Bidaj	17/Dec/1999	11	7.23	54
200	SAG-HS-10628	SAG, Bidaj	28/Aug/2014	7	7.56	44
201	ABC-CB-417	ABC, Salon	2/Aug/2009	78	7.60	79
202	SAG-HFS-56	SAG, Bidaj	26/May/2003	16	7.98	51
203	SAG-HFS-117	SAG, Bidaj	9/Aug/2006	148	8.07	86
204	SAG-HFG-508	SAG, Bidaj	24/Apr/2012	10	8.33	50
205	SAG-HFS-60	SAG, Bidaj	24/Feb/2003	15	9.57	46
206	SAG-HFS-53	SAG, Bidaj	28/Oct/2002	12	9.69	28
207	ABC-CB-453	ABC, Salon	6/Jan/2009	92	10.23	81
208	SAG-HFS-604	SAG, Bidaj	2/Jan/2011	7	10.70	40
209	SAG-HFK-16	SAG, Bidaj	15/May/2008	6	10.75	39
210	SAG-HFS-125	SAG, Bidaj	20/May/2006	76	10.84	79
211	ABC-CB-340	ABC, Salon	3/Aug/2008	85	11.28	80
212	SAG-HS-10631	SAG, Bidaj	16/Aug/2014	1	11.32	33
213	SAG-HFS-63	SAG, Bidaj	6/Jan/2003	29	11.63	63

Sr. No.	Bull ID	Semen Station	DOB	No. of Daughter records used for analysis	GBV Days Open	REL
214	SAG-HFG-13	SAG, Bidaj	22/Mar/2007	107	12.56	84
215	ABC-CB-330	ABC, Salon	20/Dec/2006	77	12.69	78
216	SAG-HFG-18	SAG, Bidaj	1/Aug/2008	103	13.02	81
217	ABC-CB-230	ABC, Salon	4/Aug/2005	80	13.20	80
218	SAG-HFS-127	SAG, Bidaj	3/Apr/2006	123	13.26	83
219	ABC-CB-381	ABC, Salon	2/Aug/2007	62	13.37	79
220	SAG-HFS-126	SAG, Bidaj	25/Jul/2006	85	13.48	80
221	SAG-HFS-28	SAG, Bidaj	19/Sep/2000	8	14.51	68
222	SAG-HFK-27	SAG, Bidaj	24/Sep/2011	42	15.26	70
223	SAG-HFS-124	SAG, Bidaj	21/Oct/2005	119	15.37	84
224	SAG-HFS-116	SAG, Bidaj	24/Apr/2006	78	15.41	77
225	DSU-CBHF-14	Dama SPU	14/Sep/2010	49	15.77	73
226	SAG-HFS-138	SAG, Bidaj	16/Dec/2008	73	15.88	79
227	SAG-HFS-51	SAG, Bidaj	6/Oct/2002	24	15.96	48
228	SAG-HFS-52	SAG, Bidaj	30/Dec/2002	2	16.46	24
229	SAG-HFS-114	SAG, Bidaj	23/Aug/2005	15	16.64	59
230	SAG-HFS-608	SAG, Bidaj	4/Nov/2011	48	16.99	73
231	SAG-HFS-49	SAG, Bidaj	18/Nov/2002	10	17.17	42
232	SAG-HFS-13	SAG, Bidaj	20/Nov/1998	7	17.32	32
233	ABC-CB-379	ABC, Salon	13/May/2007	63	17.83	79
234	SAG-HFG-12	SAG, Bidaj	10/Jun/2007	139	18.05	88
235	SAG-HFG-20	SAG, Bidaj	1/Sep/2010	68	18.24	75
236	SAG-HFS-92	SAG, Bidaj	23/Mar/2004	9	18.27	51
237	SAG-HFK-17	SAG, Bidaj	7/Feb/2009	138	18.53	86
238	SAG-HFS-146	SAG, Bidaj	16/Sep/2009	63	18.55	75
239	SAG-HS-10629	SAG, Bidaj	8/Feb/2014	2	18.84	37
240	SAG-HFS-82	SAG, Bidaj	1/Dec/2003	18	18.88	56
241	SAG-HFS-40	SAG, Bidaj	7/Mar/2002	11	19.01	35
242	ABC-CB-244	ABC, Salon	23/Jan/2005	69	19.12	79
243	ABC-CB-454	ABC, Salon	23/Mar/2009	72	19.24	75
244	SAG-HFS-20	SAG, Bidaj	3/May/1998	18	21.13	61
245	SAG-HFS-45	SAG, Bidaj	23/Dec/2000	38	21.17	63
246	SAG-HFG-24	SAG, Bidaj	30/May/2010	70	22.63	77
247	ABC-CB-314	ABC, Salon	1/Sep/2006	78	22.99	77
248	SAG-HFG-16	SAG, Bidaj	17/Dec/2008	108	23.24	83
249	SAG-HFS-101	SAG, Bidaj	21/Sep/2005	94	23.80	80
250	SAG-HFK-15	SAG, Bidaj	21/Dec/2005	81	24.35	80
251	SAG-HFS-69	SAG, Bidaj	22/Oct/2002	27	24.40	60
252	SAG-HFS-121	SAG, Bidaj	26/Mar/2007	143	24.62	87
253	SAG-HFS-115	SAG, Bidaj	15/Feb/2006	61	25.27	75
254	SAG-HFS-98	SAG, Bidaj	7/Sep/2005	100	25.50	83
255	SAG-HFS-131	SAG, Bidaj	2/Mar/2008	68	25.55	77

Sr. No.	Bull ID	Semen Station	DOB	No. of Daughter records used for analysis	GBV Days Open	REL
256	SAG-HFS-48	SAG, Bidaj	30/Dec/2002	24	26.50	64
257	SAG-HFS-128	SAG, Bidaj	15/Jan/2008	64	26.81	72
258	SAG-HFK-11	SAG, Bidaj	6/Sep/2004	108	27.15	83
259	SAG-HFS-81	SAG, Bidaj	24/Nov/2003	18	27.61	63
260	SAG-HFS-122	SAG, Bidaj	11/Sep/2007	88	27.77	81
261	DUR-CBHF-207	PSK, Jagudan	6/Jul/2012	38	29.33	67
262	SAG-HFG-10	SAG, Bidaj	16/Sep/2007	92	29.75	81
263	SAG-HFS-86	SAG, Bidaj	11/Aug/2004	84	30.33	81
264	SAG-HFS-21	SAG, Bidaj	1/Jun/1999	10	30.43	50
265	SAG-HFS-113	SAG, Bidaj	8/Sep/2005	94	30.51	81
266	SAG-HFS-15	SAG, Bidaj	30/Nov/1998	15	31.05	37
267	SAG-HFS-17	SAG, Bidaj	27/Nov/1998	21	31.06	50
268	SAG-HFG-23	SAG, Bidaj	17/Feb/2010	56	31.34	73
269	SAG-HFS-47	SAG, Bidaj	9/Sep/2002	36	32.43	65
270	SAG-HFS-46	SAG, Bidaj	20/May/2003	150	33.43	88
271	SAG-HFS-59	SAG, Bidaj	25/Apr/2002	14	34.16	40
272	SAG-HFS-66	SAG, Bidaj	19/Sep/2003	109	34.50	83
273	SAG-HFS-64	SAG, Bidaj	10/Apr/2003	21	34.55	52
274	SAG-HFS-65	SAG, Bidaj	8/Jul/2003	37	34.71	65
275	SAG-HFS-87	SAG, Bidaj	19/May/2004	88	34.71	80
276	SAG-HFS-79	SAG, Bidaj	28/Feb/2004	77	34.93	79
277	SAG-HFS-10	SAG, Bidaj	4/Jul/1998	12	35.43	46
278	ABC-CB-240	ABC, Salon	14/Apr/2004	68	35.63	79
279	SAG-HS-10639	SAG, Bidaj	31/May/2015	1	37.18	37
280	SAG-HFG-19	SAG, Bidaj	21/Jul/2009	76	37.33	80
281	SAG-HFS-84	SAG, Bidaj	24/Dec/2003	111	37.41	84
282	SAG-HFS-74	SAG, Bidaj	26/Aug/2003	12	38.10	50
283	SAG-HFS-95	SAG, Bidaj	7/May/2005	127	40.87	85
284	SAG-HFS-149	SAG, Bidaj	23/Jan/2011	68	40.92	78
285	SAG-HFS-123	SAG, Bidaj	1/Jan/2006	103	42.71	81
286	SAG-HFS-102	SAG, Bidaj	13/Feb/2005	48	43.59	76
287	SAG-HFS-55	SAG, Bidaj	24/Dec/2002	23	47.66	57
288	SAG-HFS-85	SAG, Bidaj	18/Jan/2004	82	48.56	79
289	SAG-HFS-94	SAG, Bidaj	4/Jan/2004	87	50.02	78
290	SAG-HFS-108	SAG, Bidaj	7/Feb/2005	137	51.61	86
291	SAG-HFS-100	SAG, Bidaj	26/Jul/2005	90	51.98	81
292	SAG-HFS-83	SAG, Bidaj	21/Dec/2003	102	52.39	83
293	SAG-HFS-70	SAG, Bidaj	8/Jul/2003	104	56.43	82

Trait: Service Sire Conception Rate (SSCR)
Species: Cattle
Breed: Holstein Crossbred
Average Conception Rate 51.09 %
Date of estimation: 15 December 2021

Sr. No	Bull ID	Semen Station	DOB	Total AI	Conceptions	SSCR %	REL
1	SAG-HG-10509	SAG, Bidaj	26-Apr-14	638	369	6%	97%
2	SAG-HX-10047	SAG, Bidaj	22-Mar-16	1329	764	6%	98%
3	SAG-HX-10044	SAG, Bidaj	14-Nov-15	1517	876	6%	98%
4	SAG-HS-10647	SAG, Bidaj	10-Jul-15	1342	757	5%	98%
5	SAG-HS-10648	SAG, Bidaj	22-Nov-15	1394	830	5%	98%
6	ABC-HS-20761	ABC, Salon	14-Aug-14	1359	762	5%	98%
7	ULD-HFGR-965	DFSPC, Rishikesh.	01-Oct-14	1355	760	5%	98%
8	SAG-HX-10045	SAG, Bidaj	18-Dec-15	1404	800	5%	98%
9	ABC-HK-20770	ABC, Salon	23-Jan-14	1351	810	5%	98%
10	SAG-HX-10036	SAG, Bidaj	01-Jan-16	1342	752	5%	98%
11	SAG-HS-10651	SAG, Bidaj	30-Sep-15	1426	785	4%	98%
12	SAG-HX-10034	SAG, Bidaj	29-Apr-15	1285	695	4%	98%
13	SAG-HS-10635	SAG, Bidaj	25-Oct-14	1294	714	4%	98%
14	ABC-HG-20849	ABC, Salon	09-Oct-14	1385	770	4%	98%
15	ALM-HG-40008	Alamadhi SS	26-Jun-12	1235	685	4%	98%
16	ULD-HFGR-870	DFSPC, Rishikesh.	25-Nov-12	1449	816	3%	98%
17	SAG-HG-10511	SAG, Bidaj	21-Feb-14	875	471	3%	97%
18	SAG-HS-10634	SAG, Bidaj	14-Sep-14	1223	647	3%	98%
19	ULD-HFGR-910	DFSPC, Rishikesh.	26-Jan-13	1413	775	3%	98%
20	SAG-HX-10018	SAG, Bidaj	05-Nov-13	1210	633	3%	98%
21	SAG-HG-10512	SAG, Bidaj	03-Oct-14	1481	792	3%	98%
22	SAG-HX-10035	SAG, Bidaj	08-Mar-15	1430	796	3%	98%
23	SAG-HX-10042	SAG, Bidaj	27-May-15	1384	725	3%	98%
24	ABC-HG-20772	ABC, Salon	21-Aug-13	1521	804	3%	98%
25	SAG-HX-10030	SAG, Bidaj	12-Jul-15	1404	758	3%	98%
26	SAG-HS-10650	SAG, Bidaj	10-Jan-16	1503	803	3%	98%
27	SAG-HX-10023	SAG, Bidaj	24-Jan-14	1304	701	3%	98%
28	SAG-HX-10038	SAG, Bidaj	22-Oct-15	1444	767	2%	98%
29	SAG-HG-10510	SAG, Bidaj	03-Feb-14	1127	613	2%	98%
30	SAG-HS-10630	SAG, Bidaj	07-Nov-14	1244	695	2%	98%
31	VZG-CBHF-340059738943	FSBS, Vishakapatnam.	31-Dec-15	1493	825	2%	98%
32	ABC-HS-20813	ABC, Salon	03-Aug-14	1278	671	2%	98%
33	SAG-HG-10517	SAG, Bidaj	07-Jan-15	1332	712	2%	98%
34	ALM-HS-40019	Alamadhi SS	18-Jan-14	741	406	2%	97%
35	SAG-HK-10028	SAG, Bidaj	27-Nov-13	872	529	2%	97%

Sr. No	Bull ID	Semen Station	DOB	Total AI	Conceptions	SSCR %	REL
36	SAG-HX-10019	SAG, Bidaj	13-Jan-13	667	360	2%	97%
37	ALM-HS-40003	Alamadhi SS	05-Feb-12	1156	623	2%	98%
38	SAG-HX-10027	SAG, Bidaj	13-Sep-14	1376	729	2%	98%
39	SAG-HS-10633	SAG, Bidaj	16-Oct-14	1363	689	2%	98%
40	SAG-HX-10041	SAG, Bidaj	08-Apr-15	1459	781	2%	98%
41	SAG-HS-10628	SAG, Bidaj	28-Aug-14	1472	771	2%	98%
42	ABC-CB-728	ABC, Salon	07-Mar-13	1265	664	2%	98%
43	SAG-HG-10516	SAG, Bidaj	01-Feb-15	1572	859	2%	98%
44	SAG-HS-10637	SAG, Bidaj	30-Apr-15	1410	733	2%	98%
45	SAG-HX-10014	SAG, Bidaj	18-Nov-13	1368	756	2%	98%
46	DHO-KA13162	FSS, KLDB, Dhoni	28-Sep-16	1319	695	2%	98%
47	SAG-HG-10515	SAG, Bidaj	04-Dec-14	1261	631	2%	98%
48	ABC-HS-20734	ABC, Salon	25-Jun-13	1306	676	2%	98%
49	SAG-HS-10656	SAG, Bidaj	24-Apr-16	1496	799	2%	98%
50	SAG-HX-10033	SAG, Bidaj	05-Feb-15	1286	673	2%	98%
51	SAG-HX-10049	SAG, Bidaj	09-Jan-16	1328	701	2%	98%
52	SAG-HS-10652	SAG, Bidaj	31-Oct-15	1511	828	2%	98%
53	SAG-HX-10040	SAG, Bidaj	25-Oct-15	1252	641	2%	98%
54	VZG-CBHF-420013829513	FSBS, Vishakapatnam.	12-Jun-16	1498	819	2%	98%
55	SAG-HS-10627	SAG, Bidaj	14-Feb-14	1349	705	2%	98%
56	ALM-HX-40012	Alamadhi SS	25-Mar-14	684	358	1%	97%
57	SAG-HX-10024	SAG, Bidaj	30-Apr-14	1282	676	1%	98%
58	ABC-HS-20975	ABC, Salon	02-Oct-15	1226	641	1%	98%
59	ULD-HFGR-940	DFSPC, Rishikesh.	05-Jul-13	1543	827	1%	98%
60	SAG-HX-10051	SAG, Bidaj	13-Sep-16	1298	668	1%	98%
61	SAG-HS-10638	SAG, Bidaj	14-Jun-15	1322	696	1%	98%
62	SAG-HX-10032	SAG, Bidaj	05-Jan-15	1177	591	1%	98%
63	BAF-DONALD	BAIF FSL, Pune	02-Nov-13	1373	724	1%	98%
64	SAG-HX-10054	SAG, Bidaj	16-Jun-16	736	374	1%	97%
65	SAG-HG-10518	SAG, Bidaj	14-Sep-14	1285	663	1%	98%
66	SAG-HS-10622	SAG, Bidaj	27-Nov-13	1356	714	1%	98%
67	ABC-CB-478	ABC, Salon	31-Jan-11	1352	730	1%	98%
68	ABC-HS-20814	ABC, Salon	04-Aug-14	1464	792	1%	98%
69	BAF-DINANATH	BAIF FSL, Pune	20-Jun-14	1416	764	1%	98%
70	BAF-DAS	BAIF FSL, Pune	03-Jan-13	1484	769	1%	98%
71	ABC-HG-20856	ABC, Salon	14-Oct-14	1375	744	1%	98%
72	SAG-HX-10039	SAG, Bidaj	19-Feb-15	1302	646	1%	98%
73	SAG-HG-10522	SAG, Bidaj	23-Jan-16	1264	642	1%	98%
74	ULD-HFGR-885	DFSPC, Rishikesh.	20-Jun-13	1517	821	1%	98%
75	SAG-HS-10644	SAG, Bidaj	03-Dec-15	1493	779	1%	98%

Sr. No	Bull ID	Semen Station	DOB	Total AI	Conceptions	SSCR %	REL
76	SAG-HS-10649	SAG, Bidaj	10-Jun-15	1190	588	1%	98%
77	ABC-HS-20721	ABC, Salon	28-May-14	1385	697	1%	98%
78	SAG-HX-10017	SAG, Bidaj	12-Apr-13	1513	807	1%	98%
79	SAG-HX-10043	SAG, Bidaj	21-Dec-15	1306	659	1%	98%
80	ALM-HS-40057	Alamadhi SS	01-Feb-12	1329	685	1%	98%
81	SAG-HX-10037	SAG, Bidaj	12-Jun-15	1548	802	1%	98%
82	SAG-HX-10053	SAG, Bidaj	25-Mar-16	1274	628	1%	98%
83	SAG-HX-10020	SAG, Bidaj	28-Oct-13	605	309	0%	97%
84	SAG-HS-10629	SAG, Bidaj	08-Feb-14	1328	674	0%	98%
85	DHO-KA16637	FSS, KLDB, Dhoni	23-Oct-15	1365	715	0%	98%
86	SAG-HX-10056	SAG, Bidaj	08-Jun-16	1421	729	0%	98%
87	SAG-HS-10654	SAG, Bidaj	02-Jan-16	1269	679	0%	98%
88	ABC-CB-815	ABC, Salon	29-Jul-14	1277	683	0%	98%
89	SAG-HG-10513	SAG, Bidaj	09-Sep-13	1330	658	0%	98%
90	SAG-HX-10058	SAG, Bidaj	08-Mar-17	1358	683	0%	98%
91	SAG-HX-10050	SAG, Bidaj	05-Jan-16	1427	752	0%	98%
92	ABC-HS-20974	ABC, Salon	31-Aug-15	1492	809	0%	98%
93	SAG-HX-10016	SAG, Bidaj	12-Jan-13	1409	727	0%	98%
94	SAG-HS-10641	SAG, Bidaj	11-Jan-15	1244	621	0%	98%
95	ULD-HFGR-955	DFSPC, Rishikesh.	19-May-14	1410	765	0%	98%
96	ALM-HX-40015	Alamadhi SS	03-Sep-13	567	288	0%	96%
97	SAG-HS-10657	SAG, Bidaj	14-Jun-16	1010	559	0%	98%
98	ABC-HG-20778	ABC, Salon	07-Mar-14	1203	589	0%	98%
99	ALM-HX-40013	Alamadhi SS	25-Apr-13	643	343	0%	97%
100	SAG-HX-10025	SAG, Bidaj	22-Feb-14	1247	618	0%	98%
101	SAG-HS-10655	SAG, Bidaj	15-May-16	1429	727	0%	98%
102	VZG-CBHF-420013852786	FSBS, Vishakapatnam.	31-May-16	1460	765	0%	98%
103	SAG-HG-10519	SAG, Bidaj	25-Mar-15	1471	745	-1%	98%
104	ABC-HS-20730	ABC, Salon	28-May-13	1440	750	-1%	98%
105	ABC-CB-851	ABC, Salon	01-Apr-14	1260	615	-1%	98%
106	VZG-CBHF-370007150590	FSBS, Vishakapatnam.	13-Sep-16	1455	769	-1%	98%
107	SAG-HS-10646	SAG, Bidaj	23-Nov-15	1368	685	-1%	98%
108	SAG-HX-10026	SAG, Bidaj	21-Sep-14	1407	749	-1%	98%
109	BNV-HFSH-4206	FSBS, Banavasi.	14-May-14	806	414	-1%	97%
110	ULD-HFGR-895	DFSPC, Rishikesh.	27-Jun-13	1144	555	-1%	98%
111	SAG-HK-10031	SAG, Bidaj	27-Sep-16	1484	734	-1%	98%
112	VZG-CBHF-370007510014	FSBS, Vishakapatnam.	05-Oct-16	1468	726	-1%	98%
113	SAG-HX-10028	SAG, Bidaj	07-Jan-15	1479	739	-1%	98%
114	ALM-HX-40018	Alamadhi SS	07-Jan-14	608	298	-1%	97%
115	SAG-HS-10640	SAG, Bidaj	03-Jul-15	1202	580	-1%	98%

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116	SAG-HX-10008	SAG, Bidaj	11-Jul-13	1004	479	-1%	98%
117	DHO-KA16633	FSS, KLDB, Dhoni	13-Sep-15	1348	650	-1%	98%
118	SAG-HK-10030	SAG, Bidaj	03-Dec-15	1248	588	-2%	98%
119	SAG-HS-10624	SAG, Bidaj	15-Sep-13	925	463	-2%	98%
120	ULD-HFGR-950	DFSPC, Rishikesh.	18-Jul-13	1137	550	-2%	98%
121	BAF-DURVAS	BAIF FSL, Pune	08-Jan-13	1392	672	-2%	98%
122	SAG-HFG-08	SAG, Bidaj	29-May-05	1250	633	-2%	98%
123	SAG-HS-10653	SAG, Bidaj	05-Oct-15	1303	662	-2%	98%
124	SAG-HK-10029	SAG, Bidaj	08-Jan-14	1372	654	-2%	98%
125	BNV-CBHF-4207	FSBS, Banavasi.	05-Apr-14	765	416	-2%	97%
126	VZG-CBHF-370010986111	FSBS, Vishakapatnam.	18-Jan-17	1359	701	-2%	98%
127	SAG-HS-10626	SAG, Bidaj	23-Apr-14	976	476	-2%	98%
128	BAF-DANAV	BAIF FSL, Pune	31-Dec-13	1276	658	-2%	98%
129	BAF-DURYODHAN	BAIF FSL, Pune	04-Oct-13	1322	631	-3%	98%
130	SAG-HS-10639	SAG, Bidaj	31-May-15	1333	672	-3%	98%
131	SAG-HS-10660	SAG, Bidaj	10-Nov-16	810	394	-3%	97%
132	SAG-HS-10636	SAG, Bidaj	18-Mar-15	1564	779	-3%	98%
133	SAG-HS-10642	SAG, Bidaj	10-Oct-15	1370	639	-3%	98%
134	SAG-HS-10632	SAG, Bidaj	25-Sep-14	1576	782	-3%	98%
135	ALM-HS-40011	Alamadhi SS	24-Mar-13	1066	508	-3%	98%
136	ALM-HS-40056	Alamadhi SS	31-May-11	569	283	-3%	97%
137	DHO-KA13157	FSS, KLDB, Dhoni	23-Feb-14	1329	611	-4%	98%
138	ALM-HS-40001	Alamadhi SS	17-Aug-12	1080	512	-4%	98%
139	BAF-DAVAT	BAIF FSL, Pune	21-Jul-15	1210	567	-4%	98%
140	BAF-DHANIK	BAIF FSL, Pune	10-Jun-15	1303	599	-4%	98%
141	ABC-HS-20973	ABC, Salon	02-Oct-15	585	263	-4%	97%
142	ULD-CB-970	DFSPC, Rishikesh.	25-May-15	1114	496	-4%	98%
143	SAG-HG-10514	SAG, Bidaj	17-Nov-13	1175	523	-4%	98%
144	DHO-KA16640	FSS, KLDB, Dhoni	01-Nov-15	1347	608	-5%	98%
145	ABC-CB-331	ABC, Salon	16-Feb-07	1228	556	-5%	98%
146	ALM-HS-40006	Alamadhi SS	09-Aug-12	1185	588	-5%	98%
147	BNV-CBHF-4208	FSBS, Banavasi.	04-Jun-14	614	286	-5%	97%
148	SAG-HS-10658	SAG, Bidaj	26-Sep-16	991	445	-5%	98%
149	ABC-HG-20776	ABC, Salon	17-Oct-13	1331	613	-5%	98%
150	ABC-CB-973	ABC, Salon	02-Oct-15	1235	573	-5%	98%
151	SAG-HS-10643	SAG, Bidaj	14-Oct-15	1386	636	-5%	98%
152	ULD-CB-975	DFSPC, Rishikesh.	30-Jan-16	1055	469	-5%	98%
153	SAG-HS-10631	SAG, Bidaj	16-Aug-14	1370	612	-6%	98%
154	BNV-HFSH-4204	FSBS, Banavasi.	08-Jan-13	982	434	-6%	98%
155	ABC-HS-20792	ABC, Salon	25-Feb-14	1368	643	-6%	98%

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156	SAG-HS-10659	SAG, Bidaj	12-Aug-16	752	328	-7%	97%
157	SAG-HS-10645	SAG, Bidaj	30-Oct-15	1479	656	-7%	98%
158	ULD-HFND-960	DFSPC, Rishikesh.	08-Jun-14	1404	612	-7%	98%
159	DHO-KA16512	FSS, KLDB, Dhoni	24-Jul-15	1051	455	-7%	98%
160	SAG-HG-10523	SAG, Bidaj	01-Jun-17	764	332	-7%	97%
161	BAF-DEVDATT	BAIF FSL, Pune	04-Jun-15	1316	556	-8%	98%
162	ULD-CB-980	DFSPC, Rishikesh.	18-Jun-16	1178	477	-9%	98%
163	SAG-HG-10520	SAG, Bidaj	22-Jul-15	639	295	-9%	97%
164	ULD-HFGR-875	DFSPC, Rishikesh.	20-Aug-12	1275	455	-14%	98%
165	SAG-HX-10052	SAG, Bidaj	13-Jun-16	1396	403	-20%	98%