

Estimated Breeding Values for Murrah bulls – Based on data from SAG PT Project

Trait : 305 Day Milk Yield
 Species : Buffalo
 Breed: Murrah - SAG
 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	EBV Milk	REL
1	ROH-RM-004	Rohtak	9-Sep-10	42	366	276.58	72.60
2	SAG-BM-241	SAG, Bidaj	28-Oct-02	60	585	222.12	78.05
3	ROH-RM-013	Rohtak	20-Aug-10	51	459	212.48	75.75
4	SAG-BM-307	SAG, Bidaj	25-Dec-07	90	918	190.13	83.40
5	SAG-BM-246	SAG, Bidaj	1-Sep-03	49	481	184.71	75.95
6	SAG-BM-260	SAG, Bidaj	1-Dec-04	76	754	171.99	81.70
7	SAG-BM-242	SAG, Bidaj	18-Aug-03	72	701	164.45	80.57
8	SAG-BM-272	SAG, Bidaj	2-Oct-04	63	628	154.51	79.13
9	SAG-BM-297	SAG, Bidaj	13-Apr-06	115	1154	153.08	86.11
10	SAG-BM-333	SAG, Bidaj	3-Jun-08	58	524	142.65	77.44
11	SAG-BM-368	SAG, Bidaj	20-Oct-10	30	244	140.60	66.51
12	ROH-RM-007	Rohtak	14-Aug-10	46	429	134.67	73.72
13	SAG-BM-248	SAG, Bidaj	22-Sep-04	80	787	134.54	81.75
14	SAG-BM-306	SAG, Bidaj	29-Jun-03	26	259	129.16	64.89
15	SAG-BM-271	SAG, Bidaj	29-Aug-04	79	805	128.36	82.13
16	SAG-BM-303	SAG, Bidaj	15-Jan-07	83	836	122.06	82.79
17	SAG-BM-293	SAG, Bidaj	18-Nov-05	85	851	112.43	82.90
18	SAG-BM-243	SAG, Bidaj	2-Aug-03	54	526	111.13	76.64
19	SAG-BM-349	SAG, Bidaj	7-Aug-09	62	554	110.96	78.52
20	SAG-BM-331	SAG, Bidaj	21-Jan-09	55	537	109.29	75.98

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	EBV Milk	REL
21	SAG-BM-347	SAG, Bidaj	9-Oct-09	29	252	98.03	66.62
22	ROH-RM-019	Rohtak	24-Sep-10	25	189	94.78	62.63
23	ROH-RM-001	Rohtak	31-May-10	58	542	87.76	77.63
24	ROH-RM-005	Rohtak	29-Sep-10	57	513	75.01	76.94
25	SAG-BM-225	SAG, Bidaj	28-Jan-01	82	812	69.37	82.31
26	SAG-BM-292	SAG, Bidaj	8-Sep-05	76	724	68.52	81.23
27	SAG-BM-236	SAG, Bidaj	8-Aug-03	74	702	67.50	80.94
28	SAG-BM-279	SAG, Bidaj	17-Sep-04	22	230	66.17	62.57
29	SAG-BM-316	SAG, Bidaj	2-Jan-07	43	376	51.13	72.66
30	SAG-BM-342	SAG, Bidaj	9-Nov-09	22	158	48.55	61.17
31	SAG-BM-288	SAG, Bidaj	9-Oct-05	43	424	46.60	73.47
32	SAG-BM-290	SAG, Bidaj	29-Aug-04	38	371	44.34	70.92
33	SAG-BM-317	SAG, Bidaj	29-Sep-07	63	594	42.53	78.39
34	SAG-BM-252	SAG, Bidaj	24-Nov-04	68	653	41.54	79.46
35	SAG-BM-226	SAG, Bidaj	17-Dec-01	55	520	40.96	77.33
36	SAG-BM-310	SAG, Bidaj	15-Sep-07	39	365	34.79	71.60
37	SAG-BM-266	SAG, Bidaj	17-Sep-04	69	630	31.62	79.87
38	SAG-BM-370	SAG, Bidaj	6-Dec-10	26	195	23.50	63.34
39	SAG-BM-372	SAG, Bidaj	3-Nov-10	23	187	20.95	62.37
40	SAG-BM-264	SAG, Bidaj	10-May-05	69	663	18.18	80.09
41	SAG-BM-262	SAG, Bidaj	10-Sep-05	57	575	16.75	77.94
42	SAG-BM-274	SAG, Bidaj	28-Mar-05	103	1031	11.22	85.08
43	SAG-BM-251	SAG, Bidaj	12-Sep-04	74	730	7.02	81.24
44	SAG-BM-311	SAG, Bidaj	30-Jul-06	57	537	5.04	77.07
45	ROH-RM-009	Rohtak	8-Nov-10	26	189	4.58	63.12
46	SAG-BM-335	SAG, Bidaj	3-Oct-08	45	410	4.25	73.88
47	SAG-BM-227	SAG, Bidaj	11-Nov-01	21	202	3.98	62.35

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	EBV Milk	REL
48	SAG-BM-319	SAG, Bidaj	16-Sep-07	58	552	2.29	78.38
49	SAG-BM-354	SAG, Bidaj	4-Jul-10	27	188	-2.58	64.17
50	SAG-BM-255	SAG, Bidaj	17-Oct-04	54	532	-3.23	76.66
51	SAG-BM-273	SAG, Bidaj	25-Aug-04	97	977	-4.14	84.41
52	SAG-BM-231	SAG, Bidaj	22-Nov-02	50	484	-9.12	76.13
53	ROH-RM-010	Rohtak	16-Oct-10	68	644	-10.11	79.92
54	SAG-BM-245	SAG, Bidaj	31-Oct-02	53	514	-24.24	76.64
55	SAG-BM-268	SAG, Bidaj	9-Oct-04	73	710	-30.57	80.24
56	SAG-BM-322	SAG, Bidaj	1-Mar-07	40	394	-33.14	72.20
57	SAG-BM-358	SAG, Bidaj	28-Aug-10	48	443	-38.36	74.31
58	SAG-BM-298	SAG, Bidaj	4-Mar-06	73	737	-42.52	81.11
59	SAG-BM-295	SAG, Bidaj	17-Oct-05	86	822	-45.48	82.91
60	SAG-BM-247	SAG, Bidaj	18-May-04	56	515	-49.40	77.06
61	SAG-BM-312	SAG, Bidaj	10-Sep-07	46	448	-54.45	74.36
62	SAG-BM-357	SAG, Bidaj	17-Sep-09	46	395	-62.00	74.66
63	SAG-BM-353	SAG, Bidaj	1-Oct-10	23	191	-63.00	61.73
64	SAG-BM-346	SAG, Bidaj	9-Nov-08	41	362	-63.79	72.26
65	SAG-BM-339	SAG, Bidaj	14-Feb-09	61	544	-64.86	78.16
66	SAG-BM-305	SAG, Bidaj	1-Sep-06	88	862	-67.14	83.51
67	SAG-BM-258	SAG, Bidaj	8-Oct-03	46	444	-68.48	74.32
68	SAG-BM-329	SAG, Bidaj	29-Dec-08	54	530	-75.34	76.69
69	SAG-BM-185	SAG, Bidaj	31-May-01	18	161	-86.84	61.08
70	ROH-RM-006	Rohtak	25-Aug-10	34	287	-92.01	68.40
71	ROH-RM-003	Rohtak	8-Aug-10	41	386	-92.36	72.34
72	SAG-BM-277	SAG, Bidaj	15-Jan-05	80	780	-95.10	81.83
73	SAG-BM-224	SAG, Bidaj	1-Apr-01	52	513	-95.88	76.30
74	SAG-BM-278	SAG, Bidaj	15-Aug-05	42	426	-96.91	72.87

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	EBV Milk	REL
75	SAG-BM-275	SAG, Bidaj	5-Jan-06	87	858	-100.98	83.11
76	SAG-BM-359	SAG, Bidaj	18-Nov-10	46	313	-104.34	72.31
77	SAG-BM-343	SAG, Bidaj	26-Jan-09	41	348	-105.87	71.93
78	SAG-BM-221	SAG, Bidaj	9-Sep-02	91	913	-109.29	83.37
79	SAG-BM-223	SAG, Bidaj	20-Jul-01	68	661	-112.02	79.44
80	SAG-BM-326	SAG, Bidaj	25-Dec-08	39	354	-113.16	71.28
81	SAG-BM-289	SAG, Bidaj	1-Nov-05	82	799	-113.74	82.45
82	SAG-BM-281	SAG, Bidaj	11-Jul-05	53	527	-115.22	76.37
83	SAG-BM-308	SAG, Bidaj	11-Aug-07	69	627	-116.58	79.93
84	SAG-BM-299	SAG, Bidaj	2-Jan-06	60	586	-119.15	78.21
85	SAG-BM-294	SAG, Bidaj	25-Oct-05	99	1006	-122.81	84.21
86	SAG-BM-270	SAG, Bidaj	1-Sep-04	72	709	-132.91	80.69
87	SAG-BM-304	SAG, Bidaj	28-Mar-07	97	927	-140.10	84.09
88	SAG-BM-296	SAG, Bidaj	17-Nov-04	53	494	-142.04	75.79
89	SAG-BM-318	SAG, Bidaj	5-Jan-08	66	633	-143.71	79.55
90	SAG-BM-315	SAG, Bidaj	21-Dec-07	53	484	-153.02	76.39
91	ROH-RM-012	Rohtak	16-Dec-10	42	392	-155.45	73.11
92	SAG-BM-332	SAG, Bidaj	12-Jan-08	69	665	-173.73	79.93
93	ROH-RM-008	Rohtak	2-Oct-10	25	216	-203.75	64.39
94	SAG-BM-287	SAG, Bidaj	18-Jan-06	64	600	-209.60	79.22
95	SAG-BM-263	SAG, Bidaj	17-Jan-06	86	833	-271.21	83.03
96	SAG-BM-267	SAG, Bidaj	12-Sep-04	65	635	-334.53	78.65

Trait : 305 Day Fat Yield
Species : Buffalo
Breed: Murrah- SAG
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 yld	GEBV fat %	REL
1	ROH-RM-001	Rohtak	31-May-10	57	531	5.38	0.06	69.28
2	ROH-RM-012	Rohtak	16-Dec-10	41	381	-8.90	-0.15	64.08
3	ROH-RM-003	Rohtak	8-Aug-10	41	381	-4.53	-0.13	63.63
4	ROH-RM-005	Rohtak	29-Sep-10	53	495	1.96	0.19	67.81
5	SAG-BM-236	SAG, Bidaj	8-Aug-03	74	673	-0.88	0.32	73.49
6	SAG-BM-245	SAG, Bidaj	31-Oct-02	53	513	-1.79	0.00	68.42
7	SAG-BM-248	SAG, Bidaj	22-Sep-04	80	778	1.99	0.42	74.52
8	SAG-BM-251	SAG, Bidaj	12-Sep-04	74	726	-4.47	0.28	73.86
9	SAG-BM-252	SAG, Bidaj	24-Nov-04	67	621	6.12	-0.17	71.55
10	SAG-BM-255	SAG, Bidaj	17-Oct-04	53	522	2.04	-0.13	68.32
11	SAG-BM-266	SAG, Bidaj	17-Sep-04	67	618	1.63	0.04	71.55
12	SAG-BM-268	SAG, Bidaj	9-Oct-04	72	706	-2.25	0.00	72.58
13	SAG-BM-281	SAG, Bidaj	11-Jul-05	53	527	-7.95	-0.03	68.15
14	SAG-BM-288	SAG, Bidaj	9-Oct-05	43	416	1.10	0.13	64.76
15	SAG-BM-289	SAG, Bidaj	1-Nov-05	82	798	-7.13	-0.07	75.19
16	SAG-BM-296	SAG, Bidaj	17-Nov-04	53	489	-9.32	-0.07	67.27
17	SAG-BM-298	SAG, Bidaj	4-Mar-06	73	737	-3.61	0.03	73.70
18	SAG-BM-311	SAG, Bidaj	30-Jul-06	57	529	-1.01	0.08	68.71
19	SAG-BM-329	SAG, Bidaj	29-Dec-08	54	528	-1.25	-0.26	68.42
20	SAG-BM-333	SAG, Bidaj	3-Jun-08	52	495	9.92	0.03	67.96
21	SAG-BM-335	SAG, Bidaj	3-Oct-08	43	391	-0.29	0.03	64.37

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV fat yld	GEBV fat %	REL
22	SAG-BM-339	SAG, Bidaj	14-Feb-09	59	522	-4.47	-0.02	69.31
23	SAG-BM-343	SAG, Bidaj	26-Jan-09	39	329	-5.81	-0.12	61.96
24	SAG-BM-346	SAG, Bidaj	9-Nov-08	41	356	-0.82	-0.23	63.23
25	SAG-BM-349	SAG, Bidaj	7-Aug-09	62	546	8.28	-0.01	70.19
26	SAG-BM-332	SAG, Bidaj	12-Jan-08	69	657	-9.30	-0.22	72.07
27	SAG-BM-278	SAG, Bidaj	15-Aug-05	42	426	-5.80	-0.08	64.33
28	SAG-BM-303	SAG, Bidaj	15-Jan-07	83	833	7.84	0.06	75.73
29	SAG-BM-316	SAG, Bidaj	2-Jan-07	41	361	0.91	0.16	63.09
30	ROH-RM-007	Rohtak	14-Aug-10	45	417	5.41	0.24	64.62
31	SAG-BM-277	SAG, Bidaj	15-Jan-05	80	780	-3.52	-0.21	74.52
32	SAG-BM-317	SAG, Bidaj	29-Sep-07	63	593	1.75	0.08	70.31
33	ROH-RM-010	Rohtak	16-Oct-10	67	634	-1.95	0.07	71.90
34	SAG-BM-271	SAG, Bidaj	29-Aug-04	78	801	4.33	0.27	74.77
35	SAG-BM-304	SAG, Bidaj	28-Mar-07	97	916	-5.93	-0.27	77.29
36	SAG-BM-299	SAG, Bidaj	2-Jan-06	60	585	-7.13	-0.10	70.19
37	SAG-BM-263	SAG, Bidaj	17-Jan-06	86	832	-16.86	-0.20	75.97
38	SAG-BM-331	SAG, Bidaj	21-Jan-09	54	528	5.62	0.13	67.41
39	SAG-BM-315	SAG, Bidaj	21-Dec-07	53	480	-9.74	-0.09	67.83
40	SAG-BM-287	SAG, Bidaj	18-Jan-06	63	597	-10.87	-0.29	71.26
41	SAG-BM-272	SAG, Bidaj	2-Oct-04	63	628	7.42	0.20	71.24
42	SAG-BM-307	SAG, Bidaj	25-Dec-07	90	910	9.07	0.25	76.53
43	SAG-BM-242	SAG, Bidaj	18-Aug-03	70	690	7.35	0.24	72.69
44	SAG-BM-308	SAG, Bidaj	11-Aug-07	68	613	-5.60	-0.18	71.91
45	SAG-BM-290	SAG, Bidaj	29-Aug-04	37	365	4.48	-0.07	61.90
46	ROH-RM-013	Rohtak	20-Aug-10	47	440	10.60	0.25	66.54
47	SAG-BM-292	SAG, Bidaj	8-Sep-05	75	710	2.91	0.12	73.60
48	SAG-BM-322	SAG, Bidaj	1-Mar-07	40	393	-2.45	0.00	63.65

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV fat yld	GEBV fat %	REL
49	SAG-BM-312	SAG, Bidaj	10-Sep-07	45	437	-4.77	0.05	65.56
50	SAG-BM-358	SAG, Bidaj	28-Aug-10	46	425	2.34	-0.30	65.04
51	ROH-RM-004	Rohtak	9-Sep-10	40	350	15.95	0.21	62.91
52	SAG-BM-221	SAG, Bidaj	9-Sep-02	90	888	-3.39	-0.28	76.42
53	SAG-BM-223	SAG, Bidaj	20-Jul-01	67	629	-3.64	-0.28	71.45
54	SAG-BM-224	SAG, Bidaj	1-Apr-01	52	506	-6.10	-0.05	68.09
55	SAG-BM-225	SAG, Bidaj	28-Jan-01	82	790	5.22	-0.01	75.20
56	SAG-BM-226	SAG, Bidaj	17-Dec-01	55	507	-0.57	0.20	69.14
57	SAG-BM-231	SAG, Bidaj	22-Nov-02	49	480	-0.22	-0.03	67.86
58	SAG-BM-241	SAG, Bidaj	28-Oct-02	60	566	13.97	0.11	70.05
59	SAG-BM-243	SAG, Bidaj	2-Aug-03	54	524	6.82	0.07	68.38
60	SAG-BM-246	SAG, Bidaj	1-Sep-03	49	474	10.84	0.14	67.77
61	SAG-BM-247	SAG, Bidaj	18-May-04	55	503	-5.78	0.13	68.74
62	SAG-BM-258	SAG, Bidaj	8-Oct-03	44	421	-4.20	-0.05	65.06
63	SAG-BM-260	SAG, Bidaj	1-Dec-04	76	739	7.18	0.28	74.52
64	SAG-BM-262	SAG, Bidaj	10-Sep-05	57	574	-3.44	0.27	70.08
65	SAG-BM-264	SAG, Bidaj	10-May-05	69	654	3.80	-0.14	72.43
66	SAG-BM-267	SAG, Bidaj	12-Sep-04	65	625	-16.78	-0.54	70.75
67	SAG-BM-270	SAG, Bidaj	1-Sep-04	72	706	-10.38	0.04	73.28
68	SAG-BM-273	SAG, Bidaj	25-Aug-04	97	970	0.22	-0.03	77.79
69	SAG-BM-274	SAG, Bidaj	28-Mar-05	103	1029	1.95	-0.06	78.75
70	SAG-BM-275	SAG, Bidaj	5-Jan-06	87	854	-9.09	0.10	76.10
71	SAG-BM-293	SAG, Bidaj	18-Nov-05	85	845	5.53	0.14	75.93
72	SAG-BM-294	SAG, Bidaj	25-Oct-05	99	1006	-9.37	0.02	77.57
73	SAG-BM-295	SAG, Bidaj	17-Oct-05	86	819	-4.35	0.06	75.84
74	SAG-BM-297	SAG, Bidaj	13-Apr-06	115	1150	6.93	0.22	80.05
75	SAG-BM-305	SAG, Bidaj	1-Sep-06	88	860	-3.57	-0.08	76.64

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV fat yld	GEBV fat %	REL
76	SAG-BM-310	SAG, Bidaj	15-Sep-07	35	348	-0.65	0.18	61.84
77	SAG-BM-318	SAG, Bidaj	5-Jan-08	66	623	-6.72	-0.24	71.67
78	SAG-BM-319	SAG, Bidaj	16-Sep-07	58	551	-1.00	0.07	70.45
79	SAG-BM-326	SAG, Bidaj	25-Dec-08	35	338	-5.22	-0.19	61.43
80	SAG-BM-357	SAG, Bidaj	17-Sep-09	42	370	-4.56	0.00	64.62

Trait : 305 Day Protein Yield
Species : Buffalo
Breed: Murrah- SAG
Date of estimation: 30-Nov-19

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1	ROH-RM-004	Rohtak	9-Sep-10	40	350	11.90	-0.08	69.39
2	SAG-BM-246	SAG, Bidaj	1-Sep-03	48	432	10.03	-0.16	73.63
3	SAG-BM-241	SAG, Bidaj	28-Oct-02	58	526	8.92	-0.03	75.66
4	SAG-BM-260	SAG, Bidaj	1-Dec-04	75	675	8.05	-0.08	79.96
5	SAG-BM-272	SAG, Bidaj	2-Oct-04	62	607	7.56	-0.09	77.26
6	ROH-RM-013	Rohtak	20-Aug-10	47	440	6.72	0.06	73.00
7	SAG-BM-307	SAG, Bidaj	25-Dec-07	90	905	6.57	0.03	82.16
8	SAG-BM-242	SAG, Bidaj	18-Aug-03	70	690	5.82	0.02	78.87
9	SAG-BM-297	SAG, Bidaj	13-Apr-06	115	1150	5.72	0.00	85.12
10	SAG-BM-349	SAG, Bidaj	7-Aug-09	62	547	4.62	-0.03	76.59
11	SAG-BM-306	SAG, Bidaj	29-Jun-03	26	252	4.60	0.01	61.97

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12	SAG-BM-248	SAG, Bidaj	22-Sep-04	77	700	4.58	0.02	79.77
13	SAG-BM-331	SAG, Bidaj	21-Jan-09	54	528	4.50	-0.02	73.80
14	ROH-RM-007	Rohtak	14-Aug-10	45	417	4.49	0.03	71.23
15	SAG-BM-271	SAG, Bidaj	29-Aug-04	78	785	4.43	0.02	80.72
16	SAG-BM-243	SAG, Bidaj	2-Aug-03	52	490	4.42	-0.01	74.03
17	SAG-BM-293	SAG, Bidaj	18-Nov-05	85	844	4.22	0.00	81.61
18	SAG-BM-303	SAG, Bidaj	15-Jan-07	83	830	4.20	0.02	81.54
19	SAG-BM-333	SAG, Bidaj	3-Jun-08	52	495	3.96	0.07	74.50
20	SAG-BM-290	SAG, Bidaj	29-Aug-04	37	365	3.63	-0.11	68.09
21	SAG-BM-225	SAG, Bidaj	28-Jan-01	73	646	3.15	-0.03	79.27
22	SAG-BM-368	SAG, Bidaj	20-Oct-10	27	221	3.09	0.12	61.56
23	SAG-BM-236	SAG, Bidaj	8-Aug-03	66	551	2.95	-0.02	77.79
24	SAG-BM-292	SAG, Bidaj	8-Sep-05	75	710	2.42	0.01	79.64
25	SAG-BM-262	SAG, Bidaj	10-Sep-05	57	535	2.17	-0.09	75.97
26	SAG-BM-252	SAG, Bidaj	24-Nov-04	65	553	2.13	-0.03	76.86
27	ROH-RM-001	Rohtak	31-May-10	57	531	1.97	0.07	75.69
28	SAG-BM-317	SAG, Bidaj	29-Sep-07	63	593	1.80	-0.01	76.61
29	SAG-BM-335	SAG, Bidaj	3-Oct-08	43	391	1.75	-0.09	70.96
30	SAG-BM-264	SAG, Bidaj	10-May-05	68	595	1.63	-0.05	78.13
31	SAG-BM-347	SAG, Bidaj	9-Oct-09	28	240	1.58	0.11	62.97
32	SAG-BM-231	SAG, Bidaj	22-Nov-02	49	461	1.25	-0.09	73.76
33	SAG-BM-288	SAG, Bidaj	9-Oct-05	43	413	1.23	0.03	71.31
34	SAG-BM-274	SAG, Bidaj	28-Mar-05	103	1020	1.21	-0.04	83.95
35	SAG-BM-245	SAG, Bidaj	31-Oct-02	51	462	1.04	-0.11	74.25
36	SAG-BM-266	SAG, Bidaj	17-Sep-04	67	618	0.90	0.02	77.94
37	SAG-BM-226	SAG, Bidaj	17-Dec-01	54	471	0.55	0.06	75.13

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV PROT yld	GEBV PROT %	REL
38	SAG-BM-255	SAG, Bidaj	17-Oct-04	53	522	0.53	-0.04	74.67
39	SAG-BM-311	SAG, Bidaj	30-Jul-06	56	523	0.35	-0.01	74.88
40	ROH-RM-005	Rohtak	29-Sep-10	53	495	0.15	0.15	74.37
41	SAG-BM-319	SAG, Bidaj	16-Sep-07	58	551	0.08	0.00	76.71
42	SAG-BM-316	SAG, Bidaj	2-Jan-07	41	361	0.06	0.10	69.65
43	SAG-BM-273	SAG, Bidaj	25-Aug-04	97	970	-0.23	0.00	83.25
44	ROH-RM-010	Rohtak	16-Oct-10	67	634	-0.33	0.00	78.15
45	SAG-BM-310	SAG, Bidaj	15-Sep-07	35	348	-0.61	0.11	68.08
46	SAG-BM-358	SAG, Bidaj	28-Aug-10	46	425	-0.70	-0.04	71.56
47	SAG-BM-247	SAG, Bidaj	18-May-04	54	455	-0.86	-0.06	74.36
48	SAG-BM-258	SAG, Bidaj	8-Oct-03	40	361	-0.90	-0.10	69.90
49	SAG-BM-251	SAG, Bidaj	12-Sep-04	74	726	-1.02	0.07	79.79
50	SAG-BM-268	SAG, Bidaj	9-Oct-04	71	699	-1.17	0.00	78.42
51	SAG-BM-312	SAG, Bidaj	10-Sep-07	45	437	-1.20	-0.05	72.00
52	SAG-BM-322	SAG, Bidaj	1-Mar-07	40	393	-1.93	0.04	69.87
53	SAG-BM-329	SAG, Bidaj	29-Dec-08	54	528	-1.96	-0.05	74.83
54	SAG-BM-224	SAG, Bidaj	1-Apr-01	52	472	-2.16	-0.09	74.12
55	ROH-RM-006	Rohtak	25-Aug-10	31	277	-2.23	-0.07	64.67
56	SAG-BM-357	SAG, Bidaj	17-Sep-09	42	370	-2.27	0.00	71.09
57	SAG-BM-295	SAG, Bidaj	17-Oct-05	86	816	-2.30	0.04	81.47
58	SAG-BM-298	SAG, Bidaj	4-Mar-06	73	725	-2.51	0.05	79.64
59	SAG-BM-346	SAG, Bidaj	9-Nov-08	41	356	-2.86	0.03	69.78
60	SAG-BM-277	SAG, Bidaj	15-Jan-05	80	774	-2.87	-0.04	80.36
61	SAG-BM-305	SAG, Bidaj	1-Sep-06	88	849	-2.92	0.02	82.04
62	ROH-RM-003	Rohtak	8-Aug-10	41	381	-3.12	-0.02	70.04
63	SAG-BM-359	SAG, Bidaj	18-Nov-10	37	272	-3.16	-0.05	66.85

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	GEBV PROT yld	GEBV PROT %	REL
64	SAG-BM-326	SAG, Bidaj	25-Dec-08	35	338	-3.24	-0.06	67.79
65	SAG-BM-339	SAG, Bidaj	14-Feb-09	59	522	-3.31	0.05	75.94
66	SAG-BM-223	SAG, Bidaj	20-Jul-01	63	522	-3.43	-0.05	76.45
67	SAG-BM-308	SAG, Bidaj	11-Aug-07	68	613	-3.44	-0.06	78.07
68	SAG-BM-275	SAG, Bidaj	5-Jan-06	87	849	-3.48	-0.02	81.87
69	SAG-BM-270	SAG, Bidaj	1-Sep-04	71	664	-3.68	-0.08	78.93
70	SAG-BM-299	SAG, Bidaj	2-Jan-06	60	580	-4.07	-0.02	76.44
71	SAG-BM-278	SAG, Bidaj	15-Aug-05	42	422	-4.13	0.03	70.62
72	SAG-BM-281	SAG, Bidaj	11-Jul-05	53	523	-4.14	-0.01	74.47
73	SAG-BM-315	SAG, Bidaj	21-Dec-07	53	480	-4.19	-0.10	74.45
74	SAG-BM-343	SAG, Bidaj	26-Jan-09	39	329	-4.26	0.02	68.57
75	SAG-BM-289	SAG, Bidaj	1-Nov-05	82	797	-4.35	0.01	81.07
76	SAG-BM-318	SAG, Bidaj	5-Jan-08	66	623	-4.37	-0.06	77.81
77	SAG-BM-304	SAG, Bidaj	28-Mar-07	97	912	-4.53	-0.04	82.84
78	SAG-BM-221	SAG, Bidaj	9-Sep-02	84	760	-4.91	0.05	80.91
79	SAG-BM-296	SAG, Bidaj	17-Nov-04	53	489	-4.99	-0.02	73.78
80	SAG-BM-294	SAG, Bidaj	25-Oct-05	99	998	-5.07	0.03	83.09
81	SAG-BM-332	SAG, Bidaj	12-Jan-08	69	657	-6.01	-0.03	78.26
82	ROH-RM-012	Rohtak	16-Dec-10	41	381	-7.02	0.08	70.55
83	SAG-BM-287	SAG, Bidaj	18-Jan-06	63	597	-7.31	-0.03	77.43
84	ROH-RM-008	Rohtak	2-Oct-10	25	214	-8.68	0.07	61.08
85	SAG-BM-263	SAG, Bidaj	17-Jan-06	86	832	-9.07	-0.07	81.80
86	SAG-BM-267	SAG, Bidaj	12-Sep-04	63	556	-11.51	-0.07	76.20

Trait : 305 Day Solid Not Fat (SNF) Yield
Species : Buffalo
Breed: Murrah- SAG
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	ROH-RM-004	Rohtak	9-Sep-10	40	350	28.73	-0.12	70.71
2	SAG-BM-241	SAG, Bidaj	28-Oct-02	58	525	25.07	-0.20	76.79
3	SAG-BM-246	SAG, Bidaj	1-Sep-03	48	432	19.88	-0.12	74.80
4	ROH-RM-013	Rohtak	20-Aug-10	47	440	18.69	0.08	74.17
5	SAG-BM-260	SAG, Bidaj	1-Dec-04	75	675	17.38	-0.05	80.92
6	SAG-BM-307	SAG, Bidaj	25-Dec-07	90	905	16.87	0.06	82.95
7	SAG-BM-272	SAG, Bidaj	2-Oct-04	62	607	15.94	-0.07	78.27
8	SAG-BM-297	SAG, Bidaj	13-Apr-06	115	1150	15.41	-0.04	85.78
9	SAG-BM-242	SAG, Bidaj	18-Aug-03	70	690	14.98	0.04	79.83
10	ROH-RM-007	Rohtak	14-Aug-10	45	417	12.78	0.00	72.47
11	SAG-BM-331	SAG, Bidaj	21-Jan-09	54	528	12.74	-0.13	74.95
12	SAG-BM-368	SAG, Bidaj	20-Oct-10	27	221	12.60	0.04	63.16
13	SAG-BM-248	SAG, Bidaj	22-Sep-04	77	700	12.25	0.03	80.73
14	SAG-BM-271	SAG, Bidaj	29-Aug-04	78	785	12.24	0.00	81.58
15	SAG-BM-306	SAG, Bidaj	29-Jun-03	26	252	11.72	0.03	63.36
16	SAG-BM-303	SAG, Bidaj	15-Jan-07	83	830	11.70	0.00	82.36
17	SAG-BM-333	SAG, Bidaj	3-Jun-08	52	494	11.54	0.11	75.63
18	SAG-BM-349	SAG, Bidaj	7-Aug-09	62	547	11.50	-0.05	77.70
19	SAG-BM-293	SAG, Bidaj	18-Nov-05	85	844	10.24	0.03	82.41
20	SAG-BM-225	SAG, Bidaj	28-Jan-01	73	646	9.34	-0.15	80.29
21	SAG-BM-236	SAG, Bidaj	8-Aug-03	66	551	9.00	-0.14	78.88
22	SAG-BM-243	SAG, Bidaj	2-Aug-03	52	490	8.98	0.09	75.21

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
23	SAG-BM-292	SAG, Bidaj	8-Sep-05	75	710	7.00	-0.03	80.57
24	SAG-BM-290	SAG, Bidaj	29-Aug-04	37	365	6.64	-0.14	69.37
25	SAG-BM-347	SAG, Bidaj	9-Oct-09	28	240	6.62	0.15	64.45
26	ROH-RM-001	Rohtak	31-May-10	57	531	5.82	0.14	76.77
27	SAG-BM-279	SAG, Bidaj	17-Sep-04	22	223	5.76	0.03	61.01
28	SAG-BM-252	SAG, Bidaj	24-Nov-04	65	553	4.72	-0.04	78.01
29	ROH-RM-005	Rohtak	29-Sep-10	53	495	4.33	0.15	75.51
30	SAG-BM-288	SAG, Bidaj	9-Oct-05	43	413	4.19	0.01	72.52
31	SAG-BM-264	SAG, Bidaj	10-May-05	68	595	3.71	-0.11	79.18
32	SAG-BM-317	SAG, Bidaj	29-Sep-07	63	593	3.65	0.02	77.68
33	SAG-BM-262	SAG, Bidaj	10-Sep-05	57	535	2.92	-0.08	77.08
34	SAG-BM-266	SAG, Bidaj	17-Sep-04	67	618	2.17	0.05	78.96
35	SAG-BM-316	SAG, Bidaj	2-Jan-07	41	361	1.90	0.17	70.94
36	SAG-BM-273	SAG, Bidaj	25-Aug-04	97	970	1.89	-0.13	84.01
37	SAG-BM-335	SAG, Bidaj	3-Oct-08	43	391	1.84	-0.08	72.19
38	SAG-BM-274	SAG, Bidaj	28-Mar-05	103	1020	1.63	-0.03	84.67
39	SAG-BM-226	SAG, Bidaj	17-Dec-01	54	471	1.06	0.16	76.29
40	SAG-BM-319	SAG, Bidaj	16-Sep-07	58	551	1.00	-0.05	77.72
41	SAG-BM-255	SAG, Bidaj	17-Oct-04	53	522	0.90	-0.07	75.76
42	SAG-BM-231	SAG, Bidaj	22-Nov-02	49	461	0.66	-0.09	74.93
43	SAG-BM-245	SAG, Bidaj	31-Oct-02	51	462	0.59	-0.17	75.42
44	ROH-RM-010	Rohtak	16-Oct-10	67	634	0.07	-0.06	79.13
45	SAG-BM-311	SAG, Bidaj	30-Jul-06	56	523	-0.28	0.04	75.99
46	SAG-BM-310	SAG, Bidaj	15-Sep-07	35	348	-0.92	0.24	69.33
47	SAG-BM-268	SAG, Bidaj	9-Oct-04	71	699	-1.23	-0.10	79.38
48	SAG-BM-251	SAG, Bidaj	12-Sep-04	74	726	-1.78	0.14	80.69
49	SAG-BM-258	SAG, Bidaj	8-Oct-03	40	361	-2.09	-0.26	71.23

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
50	SAG-BM-358	SAG, Bidaj	28-Aug-10	46	425	-2.13	-0.09	72.81
51	SAG-BM-322	SAG, Bidaj	1-Mar-07	40	393	-3.83	0.04	71.10
52	SAG-BM-247	SAG, Bidaj	18-May-04	54	455	-4.11	-0.04	75.63
53	SAG-BM-295	SAG, Bidaj	17-Oct-05	86	816	-4.45	0.01	82.32
54	SAG-BM-298	SAG, Bidaj	4-Mar-06	73	725	-4.58	0.03	80.55
55	SAG-BM-339	SAG, Bidaj	14-Feb-09	59	522	-5.36	-0.05	77.07
56	SAG-BM-346	SAG, Bidaj	9-Nov-08	41	356	-5.37	-0.04	71.09
57	SAG-BM-312	SAG, Bidaj	10-Sep-07	45	437	-5.60	0.02	73.18
58	SAG-BM-305	SAG, Bidaj	1-Sep-06	88	849	-6.03	-0.02	82.86
59	SAG-BM-329	SAG, Bidaj	29-Dec-08	54	528	-6.47	-0.04	75.91
60	SAG-BM-359	SAG, Bidaj	18-Nov-10	37	272	-6.56	-0.21	68.33
61	SAG-BM-277	SAG, Bidaj	15-Jan-05	80	774	-6.91	-0.13	81.27
62	SAG-BM-357	SAG, Bidaj	17-Sep-09	42	370	-7.35	0.09	72.36
63	ROH-RM-006	Rohtak	25-Aug-10	31	277	-8.37	-0.02	66.10
64	SAG-BM-326	SAG, Bidaj	25-Dec-08	35	338	-8.41	-0.14	69.06
65	SAG-BM-308	SAG, Bidaj	11-Aug-07	68	613	-9.03	-0.13	79.09
66	ROH-RM-003	Rohtak	8-Aug-10	41	381	-9.13	0.02	71.29
67	SAG-BM-275	SAG, Bidaj	5-Jan-06	87	849	-9.18	-0.03	82.67
68	SAG-BM-299	SAG, Bidaj	2-Jan-06	60	580	-9.28	-0.13	77.50
69	SAG-BM-289	SAG, Bidaj	1-Nov-05	82	797	-9.50	-0.08	81.94
70	SAG-BM-281	SAG, Bidaj	11-Jul-05	53	523	-9.64	-0.08	75.56
71	SAG-BM-224	SAG, Bidaj	1-Apr-01	52	472	-9.97	0.05	75.35
72	SAG-BM-278	SAG, Bidaj	15-Aug-05	42	422	-10.18	0.06	71.85
73	SAG-BM-223	SAG, Bidaj	20-Jul-01	63	522	-11.02	0.02	77.63
74	SAG-BM-221	SAG, Bidaj	9-Sep-02	84	760	-11.08	0.04	81.87
75	SAG-BM-343	SAG, Bidaj	26-Jan-09	39	329	-11.39	0.08	69.97
76	SAG-BM-294	SAG, Bidaj	25-Oct-05	99	998	-11.74	0.00	83.84

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
77	SAG-BM-270	SAG, Bidaj	1-Sep-04	71	664	-11.90	-0.05	79.91
78	SAG-BM-315	SAG, Bidaj	21-Dec-07	53	480	-12.68	-0.12	75.58
79	SAG-BM-318	SAG, Bidaj	5-Jan-08	66	623	-12.71	-0.06	78.79
80	SAG-BM-304	SAG, Bidaj	28-Mar-07	97	912	-12.86	-0.03	83.65
81	SAG-BM-296	SAG, Bidaj	17-Nov-04	53	489	-14.43	0.06	74.95
82	ROH-RM-012	Rohtak	16-Dec-10	41	381	-15.67	0.06	71.80
83	SAG-BM-332	SAG, Bidaj	12-Jan-08	69	657	-16.13	-0.03	79.27
84	SAG-BM-287	SAG, Bidaj	18-Jan-06	63	597	-20.27	0.02	78.45
85	ROH-RM-008	Rohtak	2-Oct-10	25	214	-22.35	0.19	62.58
86	SAG-BM-263	SAG, Bidaj	17-Jan-06	86	832	-24.83	-0.07	82.61
87	SAG-BM-267	SAG, Bidaj	12-Sep-04	63	556	-30.68	-0.08	77.38

Trait : Open Period (Days)
Species : Buffalo
Breed: Murrah- SAG
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	EBV	REL
1	SAG-BM-358	SAG, Bidaj	28-Aug-10	26	28	98.50	-25.67	43.34
2	SAG-BM-339	SAG, Bidaj	14-Feb-09	23	25	101.28	-21.59	40.54
3	SAG-BM-333	SAG, Bidaj	3-Jun-08	19	20	112.60	-19.81	36.01
4	ROH-RM-001	Rohtak	31-May-10	25	31	103.52	-19.65	44.76
5	SAG-BM-342	SAG, Bidaj	9-Nov-09	14	17	100.88	-19.36	31.95
6	SAG-BM-370	SAG, Bidaj	6-Dec-10	7	7	72.00	-19.31	16.70

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	Avg Open Period Days	EBV	REL
7	SAG-BM-263	SAG, Bidaj	17-Jan-06	52	72	116.14	-18.25	63.77
8	SAG-BM-377	SAG, Bidaj	21-Oct-11	4	4	70.75	-18.06	22.75
9	SAG-BM-378	SAG, Bidaj	21-Oct-11	5	5	72.40	-17.50	24.17
10	SAG-BM-349	SAG, Bidaj	7-Aug-09	25	27	108.74	-17.19	42.32
11	SAG-BM-326	SAG, Bidaj	25-Dec-08	13	15	102.40	-16.30	29.70
12	SAG-BM-343	SAG, Bidaj	26-Jan-09	17	19	110.26	-16.05	33.29
13	ROH-RM-012	Rohtak	16-Dec-10	25	28	117.86	-15.52	42.94
14	SAG-BM-116	SAG, Bidaj	14-Sep-95	47	74	107.99	-15.30	66.01
15	SAG-BM-322	SAG, Bidaj	1-Mar-07	23	28	115.96	-14.55	42.61
16	SAG-BM-352	SAG, Bidaj	15-Aug-10	6	6	87.00	-13.92	25.16
17	SAG-BM-354	SAG, Bidaj	4-Jul-10	5	5	76.80	-13.39	21.67
18	SAG-BM-292	SAG, Bidaj	8-Sep-05	42	52	118.08	-12.78	57.36
19	SAG-BM-266	SAG, Bidaj	17-Sep-04	31	36	124.39	-12.60	49.00
20	ROH-RM-003	Rohtak	8-Aug-10	25	28	115.93	-12.59	42.83
21	SAG-BM-316	SAG, Bidaj	2-Jan-07	18	24	118.50	-12.58	38.19
22	SAG-BM-37	SAG, Bidaj	10-Oct-85	2	2	94.00	-12.24	12.08
23	ROH-RM-008	Rohtak	2-Oct-10	14	15	109.20	-12.09	29.07
24	SAG-BM-251	SAG, Bidaj	12-Sep-04	37	46	120.09	-11.97	55.20
25	SAG-BM-321	SAG, Bidaj	19-Sep-07	6	10	90.30	-11.88	30.05
26	SAG-BM-368	SAG, Bidaj	20-Oct-10	12	12	108.50	-11.85	25.25
27	SAG-BM-131	SAG, Bidaj	22-Jul-96	28	41	118.88	-11.60	50.79
28	SAG-BM-332	SAG, Bidaj	12-Jan-08	28	37	120.86	-11.43	48.69
29	SAG-BM-347	SAG, Bidaj	9-Oct-09	11	12	116.25	-11.00	25.02
30	SAG-BM-298	SAG, Bidaj	4-Mar-06	58	82	121.37	-10.99	67.80
31	SAG-BM-356	SAG, Bidaj	18-Aug-10	8	8	107.63	-10.72	18.49
32	SAG-BM-289	SAG, Bidaj	1-Nov-05	45	61	118.44	-10.66	60.75
33	SAG-BM-246	SAG, Bidaj	1-Sep-03	36	51	122.75	-10.29	56.65

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	Avg Open Period Days	EBV	REL
34	SAG-BM-346	SAG, Bidaj	9-Nov-08	12	12	120.58	-9.74	26.19
35	SAG-BM-278	SAG, Bidaj	15-Aug-05	23	38	123.84	-9.30	47.38
36	SAG-BM-304	SAG, Bidaj	28-Mar-07	46	73	112.21	-9.15	63.38
37	SAG-BM-230	SAG, Bidaj	9-Sep-01	10	17	111.94	-9.12	28.53
38	SAG-BM-122	SAG, Bidaj	12-May-96	3	5	83.00	-8.17	10.71
39	ROH-RM-009	Rohtak	8-Nov-10	6	6	119.50	-8.07	14.55
40	SAG-BM-287	SAG, Bidaj	18-Jan-06	35	46	120.24	-7.60	54.18
41	SAG-BM-353	SAG, Bidaj	1-Oct-10	9	9	119.56	-7.45	20.25
42	SAG-BM-268	SAG, Bidaj	9-Oct-04	31	44	124.82	-7.02	52.00
43	SAG-BM-104	SAG, Bidaj	7-Sep-95	2	2	85.00	-6.90	5.41
44	SAG-BM-45	SAG, Bidaj	20-Nov-88	4	6	103.83	-6.80	13.15
45	SAG-BM-185	SAG, Bidaj	31-May-01	16	21	117.95	-6.58	40.83
46	SAG-BM-42	SAG, Bidaj	25-Oct-87	23	32	153.44	-5.85	48.44
47	SAG-BM-48	SAG, Bidaj	23-Jan-89	2	2	85.50	-5.74	5.02
48	SAG-BM-302	SAG, Bidaj	18-Feb-07	9	11	122.27	-5.38	20.92
49	SAG-BM-279	SAG, Bidaj	17-Sep-04	15	23	114.22	-5.02	36.11
50	ROH-RM-018	Rohtak	27-Jan-11	7	7	121.86	-4.72	16.61
51	ROH-RM-006	Rohtak	25-Aug-10	13	14	130.07	-4.62	27.79
52	SAG-BM-71	SAG, Bidaj	5-Jan-93	4	4	113.25	-4.60	9.36
53	SAG-BM-129	SAG, Bidaj	4-Jul-96	2	3	100.33	-4.57	7.87
54	SAG-BM-391	SAG, Bidaj	8-Aug-11	1	1	86.00	-4.43	2.83
55	SAG-BM-329	SAG, Bidaj	29-Dec-08	29	37	129.30	-4.27	48.71
56	SAG-BM-187	SAG, Bidaj	1-Sep-01	9	14	120.86	-4.22	32.78
57	SAG-BM-64	SAG, Bidaj	10-Apr-92	1	1	103.00	-4.14	2.60
58	SAG-BM-204	SAG, Bidaj	10-Jul-01	2	4	99.00	-3.85	9.31
59	SAG-BM-363	SAG, Bidaj	14-Nov-10	8	8	121.25	-3.83	18.37
60	SAG-BM-161	SAG, Bidaj	25-Aug-97	2	2	119.00	-3.81	6.07

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	Avg Open Period Days	EBV	REL
61	SAG-BM-309	SAG, Bidaj	2-Jun-07	3	4	115.00	-3.67	9.62
62	SAG-BM-376	SAG, Bidaj	8-Oct-10	1	1	115.00	-3.65	2.71
63	SAG-BM-200	SAG, Bidaj	28-Oct-01	16	23	112.61	-3.52	36.13
64	ROH-RM-007	Rohtak	14-Aug-10	12	13	128.54	-3.41	26.40
65	ROH-RM-010	Rohtak	16-Oct-10	39	45	124.02	-3.38	54.40
66	SAG-BM-331	SAG, Bidaj	21-Jan-09	19	25	127.84	-3.35	38.65
67	SAG-BM-357	SAG, Bidaj	17-Sep-09	21	23	125.39	-3.22	43.82
68	SAG-BM-66	SAG, Bidaj	9-Jan-93	1	1	103.00	-3.19	2.60
69	SAG-BM-315	SAG, Bidaj	21-Dec-07	27	35	126.74	-3.14	47.55
70	SAG-BM-94	SAG, Bidaj	1-Feb-96	2	3	104.67	-2.91	10.02
71	SAG-BM-359	SAG, Bidaj	18-Nov-10	11	13	116.77	-2.88	26.10
72	SAG-BM-172	SAG, Bidaj	2-Oct-04	2	3	89.33	-2.83	6.87
73	SAG-BM-209	SAG, Bidaj	8-Sep-01	1	1	139.00	-2.76	4.06
74	SAG-BM-305	SAG, Bidaj	1-Sep-06	45	69	121.13	-2.44	63.84
75	SAG-BM-140	SAG, Bidaj	6-Sep-96	4	4	129.00	-2.25	10.34
76	SAG-BM-59	SAG, Bidaj	1-Jan-90	1	1	114.00	-2.09	2.60
77	HIS-FT-328	#N/A	28-Aug-00	1	2	92.00	-2.05	4.60
78	SAG-BM-121	SAG, Bidaj	14-Apr-96	4	6	111.50	-1.85	14.28
79	SAG-BM-367	SAG, Bidaj	6-Oct-10	1	1	83.00	-1.82	2.81
80	SAG-BM-323	SAG, Bidaj	15-Jan-08	1	1	92.00	-1.75	2.78
81	SAG-BM-210	SAG, Bidaj	21-Jul-01	1	1	79.00	-1.74	2.78
82	SAG-BM-81	SAG, Bidaj	9-Jun-94	1	1	120.00	-1.64	2.58
83	SAG-BM-375	SAG, Bidaj	30-Aug-10	1	1	107.00	-1.20	2.76
84	SAG-BM-291	SAG, Bidaj	15-Jan-06	1	1	117.00	-1.15	2.81
85	SAG-BM-213	SAG, Bidaj	22-Feb-02	4	6	120.33	-1.15	26.06
86	SAG-BM-143	SAG, Bidaj	7-Nov-96	1	1	78.00	-1.14	2.63
87	SAG-BM-51	SAG, Bidaj	6-Sep-90	1	1	111.00	-1.01	2.60

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	Avg Open Period Days	EBV	REL
88	SAG-BM-38	SAG, Bidaj	8-Jan-86	1	1	123.00	-0.81	2.60
89	SAG-BM-337	SAG, Bidaj	12-Oct-08	4	4	118.50	-0.67	10.28
90	SAG-BM-303	SAG, Bidaj	15-Jan-07	41	63	126.59	-0.61	60.43
91	SAG-BM-295	SAG, Bidaj	17-Oct-05	57	83	122.43	-0.41	67.64
92	SAG-BM-235	SAG, Bidaj	1-Sep-03	11	19	134.68	-0.39	32.05
93	SAG-BM-56	SAG, Bidaj	29-Jul-92	1	1	106.00	-0.23	2.58
94	SAG-BM-255	SAG, Bidaj	17-Oct-04	22	34	119.56	-0.14	45.44
95	SAG-BM-217	SAG, Bidaj	21-Sep-01	6	10	124.50	-0.12	19.79
96	SAG-BM-133	SAG, Bidaj	7-Sep-96	9	12	113.25	-0.09	25.52
97	ROH-RM-019	Rohtak	24-Sep-10	8	8	140.38	0.02	18.44
98	SAG-BM-234	SAG, Bidaj	14-Nov-02	3	4	93.25	0.06	9.40
99	SAG-BM-306	SAG, Bidaj	29-Jun-03	11	13	126.15	0.08	25.97
100	SAG-BM-233	SAG, Bidaj	9-Oct-02	16	21	128.86	0.22	41.79
101	SAG-BM-335	SAG, Bidaj	3-Oct-08	14	15	137.20	0.26	29.13
102	SAG-BM-372	SAG, Bidaj	3-Nov-10	6	6	118.33	0.26	14.68
103	SAG-BM-361	SAG, Bidaj	20-Aug-10	1	1	167.00	0.28	2.80
104	ROH-RM-016	Rohtak	20-Sep-10	2	2	127.50	0.50	5.49
105	SAG-BM-311	SAG, Bidaj	30-Jul-06	19	28	129.43	0.54	41.32
106	SAG-BM-227	SAG, Bidaj	11-Nov-01	11	14	134.71	0.67	26.65
107	SAG-BM-157	SAG, Bidaj	12-Aug-97	4	8	133.63	0.76	15.24
108	SAG-BM-317	SAG, Bidaj	29-Sep-07	22	25	133.60	0.86	39.96
109	SAG-BM-134	SAG, Bidaj	18-Sep-96	7	10	121.00	0.87	19.82
110	SAG-BM-194	SAG, Bidaj	28-Aug-01	2	2	121.00	0.96	5.41
111	SAG-BM-180	SAG, Bidaj	5-Oct-97	3	6	120.00	1.07	11.76
112	ROH-RM-017	Rohtak	14-Oct-10	4	4	142.50	1.13	10.12
113	SAG-BM-61	SAG, Bidaj	25-Sep-91	1	1	169.00	1.13	2.58
114	ROH-RM-013	Rohtak	20-Aug-10	17	20	127.35	1.17	35.05

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	Avg Open Period Days	EBV	REL
115	SAG-BM-369	SAG, Bidaj	20-Sep-10	4	4	119.50	1.23	10.14
116	SAG-BM-262	SAG, Bidaj	10-Sep-05	50	73	122.52	1.25	63.96
117	SAG-BM-330	SAG, Bidaj	20-Mar-08	3	3	139.00	1.33	7.95
118	SAG-BM-226	SAG, Bidaj	17-Dec-01	32	52	114.04	1.46	55.61
119	SAG-BM-288	SAG, Bidaj	9-Oct-05	19	25	137.00	1.53	39.26
120	SAG-BM-67	SAG, Bidaj	15-Jan-93	1	1	159.00	1.65	3.07
121	ROH-RM-027	Rohtak	4-Sep-10	2	2	140.50	1.76	5.45
122	SAG-BM-319	SAG, Bidaj	16-Sep-07	36	47	126.09	1.81	55.52
123	SAG-BM-242	SAG, Bidaj	18-Aug-03	21	28	127.79	1.89	41.98
124	SAG-BM-203	SAG, Bidaj	15-Dec-01	1	1	146.00	1.93	2.79
125	SAG-BM-72	SAG, Bidaj	29-Mar-94	3	3	144.67	2.07	7.77
126	ROH-RM-024	Rohtak	10-Sep-10	4	4	133.50	2.08	10.30
127	SAG-BM-380	SAG, Bidaj	10-Dec-10	1	1	164.00	2.18	2.81
128	SAG-BM-123	SAG, Bidaj	17-May-96	1	1	101.00	2.19	2.91
129	SAG-BM-247	SAG, Bidaj	18-May-04	36	50	131.22	2.33	55.19
130	SAG-BM-248	SAG, Bidaj	22-Sep-04	59	90	126.38	2.36	68.06
131	ROH-RM-020	Rohtak	15-Nov-10	1	1	208.00	2.46	2.77
132	SAG-BM-141	SAG, Bidaj	14-Sep-96	5	6	116.17	2.63	15.50
133	SAG-BM-318	SAG, Bidaj	5-Jan-08	32	41	141.59	2.65	51.91
134	SAG-BM-312	SAG, Bidaj	10-Sep-07	25	35	122.60	2.94	47.02
135	SAG-BM-362	SAG, Bidaj	26-Aug-10	3	3	132.67	2.94	19.83
136	SAG-BM-296	SAG, Bidaj	17-Nov-04	25	32	137.25	3.07	45.59
137	SAG-BM-198	SAG, Bidaj	10-Sep-01	2	2	103.00	3.07	8.79
138	SAG-BM-60	SAG, Bidaj	19-Oct-90	3	3	161.00	3.09	27.31
139	ROH-RM-004	Rohtak	9-Sep-10	16	18	149.06	3.14	32.71
140	SAG-BM-205	SAG, Bidaj	10-Aug-01	3	5	165.40	3.31	10.60
141	SAG-BM-224	SAG, Bidaj	1-Apr-01	37	53	120.98	3.31	56.27

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	Avg Open Period Days	EBV	REL
142	SAG-BM-186	SAG, Bidaj	9-Jun-01	10	12	137.75	3.36	23.80
143	SAG-BM-202	SAG, Bidaj	29-Sep-01	3	3	146.00	3.70	7.83
144	SAG-BM-192	SAG, Bidaj	15-Jul-01	7	10	132.10	3.76	22.30
145	SAG-BM-293	SAG, Bidaj	18-Nov-05	55	79	127.22	3.84	66.32
146	SAG-BM-307	SAG, Bidaj	25-Dec-07	57	87	124.60	3.85	67.86
147	SAG-BM-250	SAG, Bidaj	10-Sep-04	6	7	125.86	3.88	16.15
148	SAG-BM-276	SAG, Bidaj	2-Dec-04	2	4	131.00	3.90	12.28
149	SAG-BM-163	SAG, Bidaj	5-Sep-97	5	8	144.25	4.02	15.55
150	SAG-BM-40	SAG, Bidaj	10-Feb-86	28	37	137.16	4.14	56.27
151	SAG-BM-92	SAG, Bidaj	10-Aug-95	1	1	104.00	4.27	5.99
152	ROH-RM-005	Rohtak	29-Sep-10	27	30	132.30	4.53	44.90
153	SAG-BM-68	SAG, Bidaj	3-May-92	1	1	218.00	4.55	2.60
154	SAG-BM-241	SAG, Bidaj	28-Oct-02	37	58	138.97	4.60	58.18
155	SAG-BM-182	SAG, Bidaj	29-Sep-00	3	3	147.33	4.82	8.06
156	SAG-BM-193	SAG, Bidaj	4-Sep-01	1	1	205.00	5.02	6.03
157	SAG-BM-208	SAG, Bidaj	15-Dec-01	2	3	152.00	5.11	7.13
158	SAG-BM-144	SAG, Bidaj	13-Jan-97	7	12	136.92	5.12	22.27
159	SAG-BM-297	SAG, Bidaj	13-Apr-06	51	71	131.11	5.19	64.33
160	SAG-BM-281	SAG, Bidaj	11-Jul-05	27	37	130.05	5.45	48.24
161	SAG-BM-142	SAG, Bidaj	15-Sep-96	4	5	132.40	5.58	11.56
162	SAG-BM-195	SAG, Bidaj	4-Nov-01	6	12	143.75	5.72	34.03
163	SAG-BM-130	SAG, Bidaj	27-Jul-96	9	11	140.00	5.96	23.05
164	SAG-BM-113	SAG, Bidaj	7-Jul-95	2	3	161.67	6.36	6.87
165	SAG-BM-165	SAG, Bidaj	11-Sep-97	2	2	187.00	6.93	6.35
166	SAG-BM-128	SAG, Bidaj	11-Jun-96	4	8	134.63	7.06	16.14
167	SAG-BM-136	SAG, Bidaj	20-Jun-96	21	28	135.71	7.22	41.15
168	SAG-BM-132	SAG, Bidaj	24-Aug-96	11	16	137.31	7.22	27.70

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	Avg Open Period Days	EBV	REL
169	SAG-BM-218	SAG, Bidaj	16-Apr-01	11	17	145.59	7.23	29.56
170	SAG-BM-75	SAG, Bidaj	28-Feb-94	5	7	147.57	7.66	13.03
171	SAG-BM-299	SAG, Bidaj	2-Jan-06	35	53	132.28	7.90	56.61
172	SAG-BM-103	SAG, Bidaj	15-Aug-95	1	2	200.50	8.21	4.61
173	SAG-BM-216	SAG, Bidaj	22-Jul-01	17	28	134.39	8.45	39.77
174	SAG-BM-275	SAG, Bidaj	5-Jan-06	46	68	129.50	8.47	62.55
175	SAG-BM-308	SAG, Bidaj	11-Aug-07	33	40	141.05	8.75	50.87
176	SAG-BM-240	SAG, Bidaj	19-Jul-04	3	4	154.00	8.78	21.05
177	SAG-BM-120	SAG, Bidaj	11-Apr-96	2	5	163.80	9.27	9.79
178	SAG-BM-272	SAG, Bidaj	2-Oct-04	46	69	128.07	9.48	62.80
179	SAG-BM-169	SAG, Bidaj	23-Sep-97	5	7	150.00	9.49	15.23
180	SAG-BM-290	SAG, Bidaj	29-Aug-04	15	18	147.56	9.57	32.42
181	SAG-BM-314	SAG, Bidaj	17-Jul-07	2	3	174.67	9.64	7.23
182	SAG-BM-231	SAG, Bidaj	22-Nov-02	33	50	137.96	9.67	55.84
183	SAG-BM-190	SAG, Bidaj	31-Oct-01	5	5	143.40	10.13	14.99
184	SAG-BM-229	SAG, Bidaj	20-Aug-01	10	11	153.27	10.41	22.70
185	SAG-BM-221	SAG, Bidaj	9-Sep-02	60	92	135.84	10.57	67.43
186	SAG-BM-310	SAG, Bidaj	15-Sep-07	22	24	149.33	10.74	39.44
187	SAG-BM-258	SAG, Bidaj	8-Oct-03	28	43	133.49	11.20	50.97
188	SAG-BM-277	SAG, Bidaj	15-Jan-05	49	65	132.09	11.65	62.18
189	SAG-BM-84	SAG, Bidaj	12-Apr-95	3	4	162.75	12.37	11.89
190	SAG-BM-245	SAG, Bidaj	31-Oct-02	43	63	135.41	13.02	60.78
191	SAG-BM-270	SAG, Bidaj	1-Sep-04	46	66	135.77	13.15	61.79
192	SAG-BM-271	SAG, Bidaj	29-Aug-04	55	71	141.27	13.70	64.43
193	SAG-BM-150	SAG, Bidaj	10-Oct-96	7	9	143.33	13.97	16.81
194	SAG-BM-228	SAG, Bidaj	2-Sep-02	21	33	136.24	14.10	43.31
195	SAG-BM-201	SAG, Bidaj	5-Sep-01	1	1	170.00	14.24	31.13

Sr. No.	Bull ID	Semen station	DOB	No. of daughters used for analysis	No. of records used for analysis	Avg Open Period Days	EBV	REL
196	SAG-BM-252	SAG, Bidaj	24-Nov-04	56	73	136.38	14.27	64.28
197	SAG-BM-273	SAG, Bidaj	25-Aug-04	54	80	140.01	15.10	66.12
198	SAG-BM-243	SAG, Bidaj	2-Aug-03	34	49	142.53	15.63	54.56
199	SAG-BM-264	SAG, Bidaj	10-May-05	46	73	131.49	16.75	63.41
200	SAG-BM-47	SAG, Bidaj	25-Dec-88	3	4	150.50	17.45	39.66
201	SAG-BM-225	SAG, Bidaj	28-Jan-01	43	66	132.36	17.58	61.33
202	SAG-BM-274	SAG, Bidaj	28-Mar-05	54	79	138.47	20.52	66.01
203	SAG-BM-260	SAG, Bidaj	1-Dec-04	52	76	140.57	20.67	65.76
204	SAG-BM-223	SAG, Bidaj	20-Jul-01	38	58	132.86	21.68	57.83
205	SAG-BM-267	SAG, Bidaj	12-Sep-04	32	44	149.98	24.04	52.37
206	SAG-BM-236	SAG, Bidaj	8-Aug-03	62	93	144.96	24.91	69.07
207	SAG-BM-294	SAG, Bidaj	25-Oct-05	59	81	146.05	25.22	66.84

Trait : Service Sire Conception Rate
Species : Buffalo
Breed: Murrah – SAG
Date of estimation: 15-Sept-19
Average Conception Rate: 52.0%

Sr.No.	Bull id	SS	DOB	AI	Conceptions	SSCR	REL
1	SAG-MR-10423	SAGB	7-Mar-11	987	598	8%	85%
2	SAG-MR-10428	SAGB	25-Nov-11	953	560	7%	84%
3	SAG-MR-10420	SAGB	22-Aug-12	973	589	7%	84%
4	SAG-MR-10430	SAGB	18-Jul-12	1057	628	6%	86%
5	SAG-MR-10411	SAGB	8-Jul-11	716	398	5%	81%
6	SAG-MR-10431	SAGB	8-Aug-12	1102	607	5%	86%

Sr.No.	Bull id	SS	DOB	AI	Conceptions	SSCR	REL
7	SAG-MR-10437	SAGB	1-Aug-14	1226	710	5%	87%
8	SAG-MR-10450	SAGB	5-Dec-13	1112	614	5%	86%
9	SAG-MR-10418	SAGB	19-Dec-12	1082	605	5%	86%
10	SAG-MR-10432	SAGB	25-Jun-13	1163	648	4%	87%
11	SAG-MR-10415	SAGB	18-Sep-12	850	486	4%	83%
12	SAG-MR-10425	SAGB	9-Mar-12	1088	617	4%	86%
13	SAG-MR-10421	SAGB	28-Sep-12	1178	655	4%	87%
14	SAG-MR-10426	SAGB	8-Jul-12	1323	760	4%	88%
15	SAG-MR-10429	SAGB	20-Aug-12	1096	609	4%	86%
16	SAG-BM-409	SAGB	20-Dec-11	710	414	4%	80%
17	SAG-BM-406	SAGB	31-Jul-12	1203	671	3%	87%
18	SAG-MR-10440	SAGB	15-Sep-13	1066	586	3%	86%
19	SAG-BM-401	SAGB	20-Aug-11	1077	599	3%	86%
20	SAG-MR-10435	SAGB	13-Jul-13	1067	557	3%	86%
21	SAG-BM-402	SAGB	6-Sep-11	1133	630	2%	86%
22	SAG-MR-10424	SAGB	3-Sep-12	1086	598	2%	86%
23	SAG-MR-10434	SAGB	12-Nov-11	1077	583	2%	86%
24	SAG-MR-10416	SAGB	23-Dec-11	1221	661	2%	87%
25	SAG-MR-10442	SAGB	21-Jan-12	1127	584	2%	86%
26	SAG-MR-10481	SAGB	1-Nov-14	1155	637	2%	87%
27	SAG-MR-10410	SAGB	25-Oct-11	960	510	1%	85%
28	SAG-MR-10471	SAGB	11-Feb-15	1129	594	1%	86%
29	SAG-MR-10449	SAGB	9-Oct-13	1174	623	1%	87%
30	SAG-MR-10438	SAGB	4-Jan-14	1244	648	1%	87%
31	SAG-HEERA	SAGB	9-Sep-12	879	448	1%	83%
32	SAG-BM-403	SAGB	10-Jan-11	1023	524	1%	85%
33	ROH-RM-032	ROH	1-Nov-12	760	398	1%	82%
34	SAG-MR-10439	SAGB	31-Jan-14	1042	545	0%	86%
35	SAG-MR-10466	SAGB	23-Aug-14	1140	582	0%	87%

Sr.No.	Bull id	SS	DOB	AI	Conceptions	SSCR	REL
36	ABC-SM-740	ABC	17-Aug-13	955	488	0%	85%
37	SAG-MR-10476	SAGB	7-Sep-14	1216	635	0%	87%
38	ROH-RM-026	ROH	2-Jul-10	520	274	0%	76%
39	SAG-MR-10483	SAGB	18-Sep-14	983	488	0%	85%
40	SAG-MR-10457	SAGB	2-Dec-13	1130	586	0%	86%
41	SAG-MR-10470	SAGB	15-Oct-14	1201	619	0%	87%
42	SAG-MR-10488	SAGB	1-Sep-14	1061	547	0%	86%
43	SAG-MR-10417	SAGB	19-Oct-12	1328	684	-1%	88%
44	SAG-MR-10459	SAGB	25-Jun-14	1208	628	-1%	87%
45	ROH-RM-031	ROH	10-Oct-12	576	295	-1%	77%
46	SAG-MR-10523	SAGB	10-Dec-14	653	358	-1%	79%
47	SAG-MR-10467	SAGB	8-Aug-14	1111	555	-1%	86%
48	SAG-MR-10453	SAGB	23-Jul-13	1023	515	-1%	85%
49	SAG-MR-10513	SAGB	20-May-15	750	393	-1%	81%
50	SAG-MR-10489	SAGB	2-Jul-15	888	430	-1%	84%
51	SAG-MR-10460	SAGB	15-Oct-14	688	339	-2%	80%
52	SAG-MR-10508	SAGB	15-May-15	1166	557	-2%	87%
53	SAG-MR-10479	SAGB	13-Oct-14	1072	518	-2%	86%
54	SAG-MR-10441	SAGB	5-Sep-12	1114	548	-2%	86%
55	SAG-BM-399	SAGB	8-Aug-11	857	430	-2%	83%
56	SAG-BM-400	SAGB	15-Jul-11	855	445	-2%	83%
57	SAG-MR-10464	SAGB	12-Sep-14	1082	534	-2%	86%
58	SAG-MR-10444	SAGB	23-Oct-11	1155	537	-2%	87%
59	SAG-MR-10469	SAGB	3-Aug-14	1104	545	-3%	86%
60	SAG-MR-10427	SAGB	8-Jan-12	1118	539	-3%	86%
61	SAG-MR-10517	SAGB	10-Aug-14	798	386	-4%	82%
62	SAG-MR-10505	SAGB	7-May-15	691	338	-4%	80%
63	SAG-MR-10480	SAGB	25-Sep-14	966	451	-4%	85%
64	SAG-MR-10448	SAGB	28-Sep-13	1110	526	-4%	86%

Sr.No.	Bull id	SS	DOB	AI	Conceptions	SSCR	REL
65	SAG-MR-10484	SAGB	14-Feb-14	1046	498	-4%	86%
66	SAG-MR-10499	SAGB	5-Mar-15	651	298	-5%	79%
67	SAG-MR-10477	SAGB	8-Nov-14	775	365	-5%	82%
68	SAG-MR-10511	SAGB	10-Feb-15	731	350	-5%	81%
69	SAG-MR-10518	SAGB	22-Jul-14	943	431	-6%	84%
70	SAG-MR-10510	SAGB	1-May-15	972	451	-6%	85%
71	SAG-MR-10475	SAGB	30-Sep-14	1297	589	-6%	88%
72	SAG-MR-10493	SAGB	26-Jul-15	1087	501	-6%	86%
73	SAG-MR-10455	SAGB	27-Nov-13	586	266	-7%	77%
74	SAG-MR-10509	SAGB	14-Dec-14	737	349	-7%	81%