

Estimated Breeding Values for Murrah buffalo bulls – Based on data from ABRO PT Project**Trait: 305 Day Milk Yield****Species: Buffalo****Breed: Murrah****Date of estimation: 29 December 2023**

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)
1	HIS-105144	FROSEN SEMEN BANK, HISSAR	08-08-2009	70	611	-99.91	89.27
2	ABC-SM-386	ANIMAL BREEDING CENTRE, SALON	20-08-2007	73	684	139.73	89.03
3	ABC-SM-289	ANIMAL BREEDING CENTRE, SALON	05-11-2005	68	610	397.67	87.71
4	ALM-MR-40061	ALAMADHI SEMEN STATION	15-08-2012	52	476	-218.89	87.63
5	SAG-BM-260	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-12-2004	54	482	100.21	87.50
6	SAG-BM-236	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-08-2003	54	483	-21.06	87.07
7	SAG-BM-263	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-01-2006	65	571	393.56	86.67
8	ALM-MR-40058	ALAMADHI SEMEN STATION	10-10-2012	53	451	-215.39	86.66
9	ABC-SM-392	ANIMAL BREEDING CENTRE, SALON	25-11-2007	54	484	-39.04	86.51
10	ABC-SM-384	ANIMAL BREEDING CENTRE, SALON	18-07-2007	54	471	21.74	86.38
11	SAG-BM-235	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-09-2003	63	555	428.60	86.33
12	ABC-SM-191	ANIMAL BREEDING CENTRE, SALON	20-09-2002	62	571	497.44	86.28
13	ABC-SM-354	ANIMAL BREEDING CENTRE, SALON	11-01-2007	52	460	319.16	86.24
14	ABC-SM-464	ANIMAL BREEDING CENTRE, SALON	17-11-2009	48	437	-153.83	85.89

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)
15	ABC-SM-709	ANIMAL BREEDING CENTRE, SALON	25-09-2012	46	433	25.80	85.80
16	ABC-SM-325	ANIMAL BREEDING CENTRE, SALON	13-01-2007	50	455	411.33	85.80
17	ABC-SM-740	ANIMAL BREEDING CENTRE, SALON	17-08-2013	45	432	-185.50	85.76
18	HIS-102699	FROSEN SEMEN BANK, HISSAR	04-11-2012	45	404	-149.10	85.68
19	HIS-MR-321	FROSEN SEMEN BANK, HISSAR	25-12-2011	45	407	-128.63	85.65
20	ABC-SM-662	ANIMAL BREEDING CENTRE, SALON	10-07-2012	44	391	-311.71	85.61
21	ABC-SM-661	ANIMAL BREEDING CENTRE, SALON	06-08-2012	45	417	-25.25	85.48
22	ABC-SM-358	ANIMAL BREEDING CENTRE, SALON	21-10-2007	48	436	434.75	85.47
23	SAG-BM-241	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-10-2002	44	406	335.88	85.42
24	ABC-SM-686	ANIMAL BREEDING CENTRE, SALON	13-01-2013	43	381	-92.61	85.25
25	ABC-SM-223	ANIMAL BREEDING CENTRE, SALON	05-01-2005	55	474	352.68	84.98
26	ABC-SM-192	ANIMAL BREEDING CENTRE, SALON	19-11-2002	55	484	466.42	84.69
27	ABC-SM-710	ANIMAL BREEDING CENTRE, SALON	06-10-2012	40	367	-274.70	84.57
28	ABC-SM-535	ANIMAL BREEDING CENTRE, SALON	01-08-2011	40	382	-81.95	84.53
29	ABC-SM-187	ANIMAL BREEDING CENTRE, SALON	05-09-2003	53	460	344.56	84.53
30	ABC-SM-395	ANIMAL BREEDING CENTRE, SALON	02-09-2007	40	389	-217.85	84.51
31	ABC-SM-620	ANIMAL BREEDING CENTRE, SALON	03-07-2012	39	349	56.66	84.48
32	ALM-MR-40063	ALAMADHI SEMEN STATION	02-08-2012	40	375	-102.92	84.42

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)
33	HIS-MR-1029	FROSEN SEMEN BANK, HISSAR	08-02-2011	41	343	-220.94	84.40
34	ABC-SM-637	ANIMAL BREEDING CENTRE, SALON	24-02-2013	38	354	-157.02	84.01
35	ABC-SM-409	ANIMAL BREEDING CENTRE, SALON	05-09-2008	40	354	-93.00	83.97
36	ABC-SM-592	ANIMAL BREEDING CENTRE, SALON	21-01-2012	36	333	-73.89	83.78
37	SAG-BM-257	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-08-2004	46	403	213.66	83.49
38	SAG-BM-268	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-10-2004	41	366	214.05	83.49
39	ABC-SM-218	ANIMAL BREEDING CENTRE, SALON	08-10-2003	45	390	522.52	83.30
40	ABC-SM-406	ANIMAL BREEDING CENTRE, SALON	02-08-2008	37	338	139.80	83.20
41	ABC-SM-667	ANIMAL BREEDING CENTRE, SALON	11-06-2013	36	311	-71.36	83.09
42	SAG-SM-517	ANIMAL BREEDING CENTRE, SALON	03-01-2011	35	325	151.06	83.06
43	ABC-SM-401	ANIMAL BREEDING CENTRE, SALON	04-02-2008	36	328	-106.05	82.61
44	ABC-SM-398	ANIMAL BREEDING CENTRE, SALON	16-11-2007	34	322	105.31	82.56
45	ABC-SM-299	ANIMAL BREEDING CENTRE, SALON	23-07-2006	35	323	282.48	82.28
46	ABC-SM-701	ANIMAL BREEDING CENTRE, SALON	06-08-2012	34	270	-236.99	82.04
47	ABC-SM-704	ANIMAL BREEDING CENTRE, SALON	01-09-2012	32	300	-324.56	81.91
48	ABC-SM-301	ANIMAL BREEDING CENTRE, SALON	25-08-2006	34	311	315.65	81.90
49	ABC-SM-590	ANIMAL BREEDING CENTRE, SALON	27-10-2012	31	284	-23.86	81.88

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)
50	ABC-SM-589	ANIMAL BREEDING CENTRE, SALON	31-12-2011	30	283	-282.15	81.87
51	ABC-SM-388	ANIMAL BREEDING CENTRE, SALON	08-09-2007	38	341	250.25	81.79
52	ABC-SM-400	ANIMAL BREEDING CENTRE, SALON	16-12-2007	31	306	-175.74	81.70
53	ABC-SM-396	ANIMAL BREEDING CENTRE, SALON	06-09-2007	31	296	-245.57	81.70
54	SAG-BM-213	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-02-2002	33	303	66.87	81.69
55	ABC-SM-645	ANIMAL BREEDING CENTRE, SALON	20-01-2013	30	268	12.38	81.67
56	ABC-SM-660	ANIMAL BREEDING CENTRE, SALON	09-11-2012	29	261	-102.43	81.62
57	ABC-SM-327	ANIMAL BREEDING CENTRE, SALON	07-04-2007	37	337	509.21	81.62
58	ABC-SM-640	ANIMAL BREEDING CENTRE, SALON	01-02-2013	31	286	-53.21	81.60
59	ABC-SM-621	ANIMAL BREEDING CENTRE, SALON	16-10-2012	30	269	-332.26	81.55
60	HIS-72860	FROSEN SEMEN BANK, HISSAR	21-11-2009	32	280	-336.67	81.41
61	SAG-BM-243	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-08-2003	31	282	127.08	81.25
62	ABC-SM-493	ANIMAL BREEDING CENTRE, SALON	20-09-2009	30	299	-159.27	81.20
63	ABC-SM-613	ANIMAL BREEDING CENTRE, SALON	18-11-2011	30	267	-218.90	81.17
64	ABC-SM-513	ANIMAL BREEDING CENTRE, SALON	08-11-2009	30	283	-64.46	81.17
65	ABC-SM-611	ANIMAL BREEDING CENTRE, SALON	03-01-2012	28	269	-45.50	81.08
66	ABC-SM-391	ANIMAL BREEDING CENTRE, SALON	27-09-2007	30	278	-96.07	80.77

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)
67	ABC-SM-515	ANIMAL BREEDING CENTRE, SALON	15-01-2010	28	268	-285.78	80.59
68	ABC-SM-593	ANIMAL BREEDING CENTRE, SALON	26-12-2011	27	253	-74.13	80.53
69	ABC-SM-465	ANIMAL BREEDING CENTRE, SALON	20-11-2009	28	254	-238.04	80.33
70	RHR-MR-50044	RAHURI SEMEN STATION, AHMEDNAGAR.	12-12-2014	30	254	-109.13	80.24
71	ABC-SM-463	ANIMAL BREEDING CENTRE, SALON	14-11-2009	28	271	72.50	80.20
72	ABC-SM-665	ANIMAL BREEDING CENTRE, SALON	08-07-2013	28	220	-224.19	80.07
73	ABC-SM-591	ANIMAL BREEDING CENTRE, SALON	12-02-2012	26	242	-192.32	80.06
74	SAG-BM-264	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-05-2005	28	229	-72.16	80.00
75	RHR-MR-50136	RAHURI SEMEN STATION, AHMEDNAGAR.	06-08-2015	28	220	-89.12	79.88
76	ABC-SM-646	ANIMAL BREEDING CENTRE, SALON	18-11-2012	27	237	6.12	79.76
77	ABC-SM-703	ANIMAL BREEDING CENTRE, SALON	10-10-2011	27	252	-204.29	79.73
78	ALM-MR-40064	ALAMADHI SEMEN STATION	04-11-2012	27	235	-168.31	79.66
79	ABC-SM-619	ANIMAL BREEDING CENTRE, SALON	30-04-2012	25	241	-129.05	79.53
80	ALM-MR-40060	ALAMADHI SEMEN STATION	24-08-2012	27	233	-262.61	79.53
81	ABC-SM-466	ANIMAL BREEDING CENTRE, SALON	14-12-2009	26	240	28.33	79.36
82	ABC-SM-489	ANIMAL BREEDING CENTRE, SALON	16-08-2010	23	228	74.54	79.29
83	ABC-SM-536	ANIMAL BREEDING CENTRE, SALON	15-07-2011	24	212	-50.62	79.26
84	ABC-SM-394	ANIMAL BREEDING CENTRE, SALON	29-08-2007	26	245	-122.45	79.18

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85	ABC-SM-355	ANIMAL BREEDING CENTRE, SALON	15-09-2007	26	247	65.01	79.09
86	ABC-SM-614	ANIMAL BREEDING CENTRE, SALON	20-09-2011	24	223	-118.72	79.06
87	SAG-BM-270	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-09-2004	25	228	-7.85	78.76
88	ALM-MR-40095	ALAMADHI SEMEN STATION	01-07-2013	25	204	-23.43	78.63
89	ABC-SM-666	ANIMAL BREEDING CENTRE, SALON	08-09-2013	25	202	-309.54	78.55
90	ABC-SM-495	ANIMAL BREEDING CENTRE, SALON	16-12-2009	24	227	-43.23	78.27
91	ABC-SM-609	ANIMAL BREEDING CENTRE, SALON	19-10-2011	22	202	27.18	78.19
92	SAG-BM-224	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-04-2001	24	233	141.84	78.17
93	SAG-BM-296	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-11-2004	26	237	261.20	78.15
94	ABC-SM-610	ANIMAL BREEDING CENTRE, SALON	12-11-2011	22	208	-93.80	78.03
95	ABC-SM-459	ANIMAL BREEDING CENTRE, SALON	07-09-2009	24	208	-156.38	77.92
96	ABC-SM-616	ANIMAL BREEDING CENTRE, SALON	16-09-2012	24	210	-107.16	77.84
97	ABC-SM-622	ANIMAL BREEDING CENTRE, SALON	22-11-2012	21	202	-260.53	77.77
98	ABC-SM-707	ANIMAL BREEDING CENTRE, SALON	16-09-2012	23	216	110.73	77.74
99	ABC-SM-287	ANIMAL BREEDING CENTRE, SALON	25-08-2005	27	239	339.22	77.74
100	ABC-SM-615	ANIMAL BREEDING CENTRE, SALON	14-11-2011	22	201	109.83	77.30
101	ABC-SM-404	ANIMAL BREEDING CENTRE, SALON	21-05-2008	24	232	-11.42	77.26

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102	ABC-SM-538	ANIMAL BREEDING CENTRE, SALON	19-02-2011	21	184	-219.62	77.23
103	ABC-SM-514	ANIMAL BREEDING CENTRE, SALON	26-09-2010	22	218	-69.26	76.94
104	ABC-SM-462	ANIMAL BREEDING CENTRE, SALON	04-11-2009	21	185	289.61	76.81
105	HIS-70577	FROSEN SEMEN BANK, HISSAR	02-10-2007	22	198	-109.80	76.77
106	ABC-SM-642	ANIMAL BREEDING CENTRE, SALON	10-10-2012	21	201	-123.22	76.30
107	ABC-SM-899	ANIMAL BREEDING CENTRE, SALON	08-12-2014	20	170	-170.10	75.87
108	RHR-MR-50138	RAHURI SEMEN STATION, AHMEDNAGAR.	19-07-2015	20	159	52.41	75.67
109	SAG-BM-266	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-09-2004	20	190	-29.60	75.39
110	ABC-SM-537	ANIMAL BREEDING CENTRE, SALON	23-08-2011	18	164	-92.85	75.20
111	RHR-MR-50042	RAHURI SEMEN STATION, AHMEDNAGAR.	26-07-2014	21	145	8.03	75.02
112	ABC-SM-460	ANIMAL BREEDING CENTRE, SALON	20-09-2009	19	181	0.31	74.80
113	ABC-SM-659	ANIMAL BREEDING CENTRE, SALON	24-08-2012	17	162	17.83	74.76
114	ABC-SM-496	ANIMAL BREEDING CENTRE, SALON	08-09-2010	18	173	-76.55	74.41
115	ALM-MR-40093	ALAMADHI SEMEN STATION	05-01-2014	18	140	3.45	74.08
116	ABC-SM-516	ANIMAL BREEDING CENTRE, SALON	08-12-2010	18	166	-137.19	74.07
117	HIS-PC-461	FROSEN SEMEN BANK, HISSAR	09-09-2008	18	151	-31.66	73.89
118	HIS-PC-575	FROSEN SEMEN BANK, HISSAR	02-09-2009	17	159	-54.58	73.71
119	ABC-SM-382	ANIMAL BREEDING CENTRE, SALON	18-06-2007	18	161	210.96	73.68

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120	ABC-SM-461	ANIMAL BREEDING CENTRE, SALON	23-10-2009	17	152	-106.79	73.62
121	ABC-SM-468	ANIMAL BREEDING CENTRE, SALON	12-01-2010	17	162	158.84	73.48
122	RHR-MR-50037	RAHURI SEMEN STATION, AHMEDNAGAR.	20-07-2013	17	142	-132.91	72.63
123	ALM-MR-40162	ALAMADHI SEMEN STATION	09-09-2013	17	121	-326.26	72.63
124	ABC-SM-643	ANIMAL BREEDING CENTRE, SALON	16-07-2012	15	142	-101.05	72.43
125	HIS-PC-665	FROSEN SEMEN BANK, HISSAR	14-11-2009	16	124	-2.50	72.41
126	SAG-BM-272	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-10-2004	16	151	119.40	72.34
127	ABC-SM-469	ANIMAL BREEDING CENTRE, SALON	28-11-2009	16	149	21.13	72.16
128	RHR-MR-50040	RAHURI SEMEN STATION, AHMEDNAGAR.	10-09-2012	16	136	161.70	71.97
129	ABC-SM-402	ANIMAL BREEDING CENTRE, SALON	09-06-2008	15	130	-276.98	71.41
130	ABC-SM-608	ANIMAL BREEDING CENTRE, SALON	16-09-2011	13	113	-68.39	70.83
131	ABC-SM-488	ANIMAL BREEDING CENTRE, SALON	05-01-2011	13	114	-8.24	70.55

Trait: 305 Day Fat Yield & Fat %

Species: Buffalo

Breed: Murrah

Date of estimation: 29 December 2023

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1	HIS-105144	FROSEN SEMEN BANK, HISSAR	08-08-2009	69	570	1.45	-0.37	85.42
2	SAG-BM-260	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-12-2004	54	470	9.49	-0.10	83.32

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3	ALM-MR-40061	ALAMADHI SEMEN STATION	15-08-2012	51	420	-8.77	-0.30	83.27
4	SAG-BM-236	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-08-2003	53	449	2.54	-0.17	82.48
5	ALM-MR-40058	ALAMADHI SEMEN STATION	10-10-2012	51	400	-3.33	-0.54	81.52
6	HIS-102699	FROSEN SEMEN BANK, HISSAR	04-11-2012	45	382	-2.21	-0.37	81.02
7	ABC-SM-662	ANIMAL BREEDING CENTRE, SALON	10-07-2012	44	366	-10.41	-0.55	80.94
8	ABC-SM-740	ANIMAL BREEDING CENTRE, SALON	17-08-2013	44	407	-5.93	-0.32	80.87
9	HIS-MR-321	FROSEN SEMEN BANK, HISSAR	25-12-2011	44	381	0.05	-0.40	80.75
10	ABC-SM-709	ANIMAL BREEDING CENTRE, SALON	25-09-2012	44	401	10.82	-0.37	80.74
11	ABC-SM-386	ANIMAL BREEDING CENTRE, SALON	20-08-2007	42	379	8.93	0.03	80.70
12	ABC-SM-464	ANIMAL BREEDING CENTRE, SALON	17-11-2009	45	386	-10.58	-0.01	80.54
13	SAG-BM-241	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-10-2002	44	386	28.62	-0.19	80.49
14	ABC-SM-661	ANIMAL BREEDING CENTRE, SALON	06-08-2012	43	375	-1.33	-0.02	80.24
15	ABC-SM-620	ANIMAL BREEDING CENTRE, SALON	03-07-2012	39	336	9.66	-0.23	79.60
16	ALM-MR-40063	ALAMADHI SEMEN STATION	02-08-2012	40	365	1.93	-0.40	79.40
17	ABC-SM-535	ANIMAL BREEDING CENTRE, SALON	01-08-2011	39	352	-0.84	-0.21	79.39
18	ABC-SM-686	ANIMAL BREEDING CENTRE, SALON	13-01-2013	40	336	-0.16	-0.28	79.39
19	ABC-SM-395	ANIMAL BREEDING CENTRE, SALON	02-09-2007	39	363	-7.16	-0.37	79.27
20	ABC-SM-710	ANIMAL BREEDING CENTRE, SALON	06-10-2012	39	338	-11.72	-0.35	79.13

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21	ABC-SM-637	ANIMAL BREEDING CENTRE, SALON	24-02-2013	38	332	-4.57	-0.29	78.98
22	HIS-MR-1029	FROSEN SEMEN BANK, HISSAR	08-02-2011	39	322	-7.30	-0.38	78.79
23	ABC-SM-409	ANIMAL BREEDING CENTRE, SALON	05-09-2008	39	326	-0.81	-0.25	78.48
24	ABC-SM-592	ANIMAL BREEDING CENTRE, SALON	21-01-2012	35	303	-1.77	-0.15	78.46
25	ABC-SM-392	ANIMAL BREEDING CENTRE, SALON	25-11-2007	40	335	-10.37	0.33	78.24
26	ABC-SM-406	ANIMAL BREEDING CENTRE, SALON	02-08-2008	36	308	12.68	-0.12	77.63
27	ABC-SM-667	ANIMAL BREEDING CENTRE, SALON	11-06-2013	36	299	4.21	-0.40	77.54
28	SAG-SM-517	ANIMAL BREEDING CENTRE, SALON	03-01-2011	34	300	18.52	-0.31	77.27
29	ABC-SM-590	ANIMAL BREEDING CENTRE, SALON	27-10-2012	31	264	0.42	-0.09	76.45
30	ABC-SM-401	ANIMAL BREEDING CENTRE, SALON	04-02-2008	35	299	-6.04	-0.06	76.45
31	ABC-SM-704	ANIMAL BREEDING CENTRE, SALON	01-09-2012	32	289	-12.80	-0.48	76.34
32	ABC-SM-398	ANIMAL BREEDING CENTRE, SALON	16-11-2007	32	279	14.06	-0.27	76.33
33	ABC-SM-589	ANIMAL BREEDING CENTRE, SALON	31-12-2011	29	239	-10.15	-0.46	75.98
34	SAG-BM-268	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-10-2004	35	289	6.66	0.32	75.97
35	ABC-SM-660	ANIMAL BREEDING CENTRE, SALON	09-11-2012	29	237	-3.56	-0.16	75.89
36	ABC-SM-396	ANIMAL BREEDING CENTRE, SALON	06-09-2007	31	270	-11.16	-0.28	75.87
37	ABC-SM-400	ANIMAL BREEDING CENTRE, SALON	16-12-2007	31	288	-5.59	-0.30	75.86

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38	ABC-SM-701	ANIMAL BREEDING CENTRE, SALON	06-08-2012	33	247	-7.20	-0.44	75.72
39	ABC-SM-384	ANIMAL BREEDING CENTRE, SALON	18-07-2007	33	269	-0.44	0.08	75.70
40	ABC-SM-621	ANIMAL BREEDING CENTRE, SALON	16-10-2012	29	246	-15.69	-0.37	75.62
41	ABC-SM-645	ANIMAL BREEDING CENTRE, SALON	20-01-2013	29	241	7.23	-0.27	75.29
42	ABC-SM-640	ANIMAL BREEDING CENTRE, SALON	01-02-2013	29	270	-0.77	-0.13	75.29
43	HIS-72860	FROSEN SEMEN BANK, HISSAR	21-11-2009	31	260	-11.64	-0.58	75.00
44	ABC-SM-611	ANIMAL BREEDING CENTRE, SALON	03-01-2012	27	233	-2.23	-0.04	74.98
45	ABC-SM-513	ANIMAL BREEDING CENTRE, SALON	08-11-2009	29	260	-3.61	-0.04	74.84
46	ABC-SM-613	ANIMAL BREEDING CENTRE, SALON	18-11-2011	28	239	-8.37	-0.32	74.69
47	ABC-SM-493	ANIMAL BREEDING CENTRE, SALON	20-09-2009	28	272	-5.42	-0.26	74.64
48	ABC-SM-391	ANIMAL BREEDING CENTRE, SALON	27-09-2007	29	260	1.05	-0.34	74.62
49	ABC-SM-593	ANIMAL BREEDING CENTRE, SALON	26-12-2011	25	223	0.22	-0.23	74.25
50	ABC-SM-515	ANIMAL BREEDING CENTRE, SALON	15-01-2010	27	249	-15.47	-0.21	74.24
51	RHR-MR-50044	RAHURI SEMEN STATION, AHMEDNAGAR.	12-12-2014	30	245	-2.30	-0.23	74.11
52	ABC-SM-591	ANIMAL BREEDING CENTRE, SALON	12-02-2012	25	216	-9.21	-0.19	73.92
53	ABC-SM-665	ANIMAL BREEDING CENTRE, SALON	08-07-2013	28	209	-5.54	-0.47	73.86
54	SAG-BM-213	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-02-2002	28	239	4.92	-0.01	73.77
55	SAG-BM-264	SABARMATI ASHRAM	10-05-2005	28	220	3.87	-0.39	73.55

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)
		GAUSHALA, BIDAJ						
56	ALM-MR-40064	ALAMADHI SEMEN STATION	04-11-2012	27	224	-2.77	-0.41	73.53
57	ABC-SM-619	ANIMAL BREEDING CENTRE, SALON	30-04-2012	24	223	4.56	-0.60	73.41
58	ABC-SM-466	ANIMAL BREEDING CENTRE, SALON	14-12-2009	26	235	9.03	-0.29	73.26
59	RHR-MR-50136	RAHURI SEMEN STATION, AHMEDNAGAR.	06-08-2015	28	208	0.47	-0.29	73.26
60	ABC-SM-703	ANIMAL BREEDING CENTRE, SALON	10-10-2011	26	232	-9.95	-0.20	73.25
61	ABC-SM-465	ANIMAL BREEDING CENTRE, SALON	20-11-2009	25	228	-16.45	-0.01	72.81
62	ABC-SM-646	ANIMAL BREEDING CENTRE, SALON	18-11-2012	24	211	9.28	-0.37	72.55
63	ABC-SM-536	ANIMAL BREEDING CENTRE, SALON	15-07-2011	23	197	-0.20	-0.14	72.55
64	ABC-SM-614	ANIMAL BREEDING CENTRE, SALON	20-09-2011	23	186	-5.08	-0.14	72.44
65	ABC-SM-299	ANIMAL BREEDING CENTRE, SALON	23-07-2006	26	237	8.71	0.41	72.27
66	ABC-SM-609	ANIMAL BREEDING CENTRE, SALON	19-10-2011	22	184	3.47	-0.07	72.25
67	ABC-SM-394	ANIMAL BREEDING CENTRE, SALON	29-08-2007	25	219	3.63	-0.54	72.25
68	ABC-SM-463	ANIMAL BREEDING CENTRE, SALON	14-11-2009	25	224	17.59	-0.51	72.24
69	ALM-MR-40060	ALAMADHI SEMEN STATION	24-08-2012	25	209	-11.88	-0.31	72.15
70	ABC-SM-495	ANIMAL BREEDING CENTRE, SALON	16-12-2009	24	216	1.16	-0.18	72.09
71	ABC-SM-610	ANIMAL BREEDING CENTRE, SALON	12-11-2011	22	192	2.42	-0.39	72.01
72	ALM-MR-40095	ALAMADHI SEMEN STATION	01-07-2013	25	196	6.25	-0.33	72.00
73	ABC-SM-666	ANIMAL BREEDING CENTRE, SALON	08-09-2013	25	189	-12.51	-0.44	71.95

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)
74	ABC-SM-707	ANIMAL BREEDING CENTRE, SALON	16-09-2012	23	199	12.09	-0.17	71.27
75	ABC-SM-354	ANIMAL BREEDING CENTRE, SALON	11-01-2007	24	208	2.11	0.75	71.23
76	ABC-SM-622	ANIMAL BREEDING CENTRE, SALON	22-11-2012	20	182	-7.12	-0.52	71.19
77	ABC-SM-616	ANIMAL BREEDING CENTRE, SALON	16-09-2012	23	198	-3.01	-0.20	70.86
78	ABC-SM-358	ANIMAL BREEDING CENTRE, SALON	21-10-2007	24	215	4.26	0.93	70.79
79	ABC-SM-459	ANIMAL BREEDING CENTRE, SALON	07-09-2009	23	191	-3.83	-0.32	70.66
80	ABC-SM-615	ANIMAL BREEDING CENTRE, SALON	14-11-2011	21	193	9.97	-0.09	70.56
81	ABC-SM-325	ANIMAL BREEDING CENTRE, SALON	13-01-2007	24	207	7.48	0.76	70.53
82	ABC-SM-355	ANIMAL BREEDING CENTRE, SALON	15-09-2007	22	196	1.36	0.13	70.46
83	SAG-BM-243	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-08-2003	21	195	11.01	-0.08	70.18

Trait: 305 Day SNF Yield & %

Species: Buffalo

Breed: Murrah

Date of estimation: 29 December 2023

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL (%)
1	HIS-105144	FROSEN SEMEN BANK, HISSAR	08-08-2009	69	570	5.64	-1.06	88.71
2	SAG-BM-260	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-12-2004	54	470	19.52	-0.04	86.91
3	ALM-MR-40061	ALAMADHI SEMEN STATION	15-08-2012	51	420	-11.82	-1.33	86.81

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL (%)
4	SAG-BM-236	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-08-2003	53	448	6.52	-0.44	86.34
5	ALM-MR-40058	ALAMADHI SEMEN STATION	10-10-2012	51	400	-5.62	-1.59	85.60
6	HIS-102699	FROSEN SEMEN BANK, HISSAR	04-11-2012	45	382	-3.38	-1.09	85.06
7	ABC-SM-740	ANIMAL BREEDING CENTRE, SALON	17-08-2013	44	407	-9.85	-1.12	84.94
8	ABC-SM-662	ANIMAL BREEDING CENTRE, SALON	10-07-2012	44	366	-17.85	-1.93	84.91
9	ABC-SM-709	ANIMAL BREEDING CENTRE, SALON	25-09-2012	44	401	17.50	-0.53	84.83
10	HIS-MR-321	FROSEN SEMEN BANK, HISSAR	25-12-2011	44	381	0.81	-1.09	84.82
11	SAG-BM-241	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-10-2002	44	386	43.47	0.69	84.70
12	ABC-SM-464	ANIMAL BREEDING CENTRE, SALON	17-11-2009	45	386	-11.08	-0.78	84.67
13	ABC-SM-386	ANIMAL BREEDING CENTRE, SALON	20-08-2007	42	379	11.74	0.56	84.54
14	ABC-SM-661	ANIMAL BREEDING CENTRE, SALON	06-08-2012	43	375	4.87	-0.41	84.29
15	ABC-SM-686	ANIMAL BREEDING CENTRE, SALON	13-01-2013	40	335	0.54	-0.77	83.81
16	ABC-SM-620	ANIMAL BREEDING CENTRE, SALON	03-07-2012	39	336	15.45	-0.20	83.75
17	ALM-MR-40063	ALAMADHI SEMEN STATION	02-08-2012	40	365	4.42	-1.03	83.67
18	ABC-SM-535	ANIMAL BREEDING CENTRE, SALON	01-08-2011	39	352	0.34	-0.68	83.59
19	ABC-SM-395	ANIMAL BREEDING CENTRE, SALON	02-09-2007	39	363	-9.46	-1.43	83.56
20	ABC-SM-710	ANIMAL BREEDING CENTRE, SALON	06-10-2012	39	338	-16.05	-1.66	83.50

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL (%)
21	ABC-SM-637	ANIMAL BREEDING CENTRE, SALON	24-02-2013	38	331	-2.25	-1.21	83.27
22	HIS-MR-1029	FROSEN SEMEN BANK, HISSAR	08-02-2011	39	322	-9.63	-1.45	83.22
23	ABC-SM-409	ANIMAL BREEDING CENTRE, SALON	05-09-2008	39	326	-3.51	-0.60	82.99
24	ABC-SM-392	ANIMAL BREEDING CENTRE, SALON	25-11-2007	40	335	-17.45	0.44	82.78
25	ABC-SM-592	ANIMAL BREEDING CENTRE, SALON	21-01-2012	35	303	-3.03	-0.46	82.70
26	ABC-SM-406	ANIMAL BREEDING CENTRE, SALON	02-08-2008	36	308	16.00	0.39	82.23
27	ABC-SM-667	ANIMAL BREEDING CENTRE, SALON	11-06-2013	36	299	8.24	-0.93	82.17
28	SAG-SM-517	ANIMAL BREEDING CENTRE, SALON	03-01-2011	34	300	21.26	0.27	81.88
29	ABC-SM-401	ANIMAL BREEDING CENTRE, SALON	04-02-2008	35	300	-10.25	-0.41	81.26
30	ABC-SM-704	ANIMAL BREEDING CENTRE, SALON	01-09-2012	32	289	-19.62	-1.97	81.09
31	ABC-SM-398	ANIMAL BREEDING CENTRE, SALON	16-11-2007	32	279	24.15	-0.18	81.05
32	ABC-SM-590	ANIMAL BREEDING CENTRE, SALON	27-10-2012	31	264	5.21	-0.41	80.92
33	SAG-BM-268	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-10-2004	35	289	5.11	1.33	80.84
34	ABC-SM-701	ANIMAL BREEDING CENTRE, SALON	06-08-2012	33	247	-10.16	-1.58	80.76
35	ABC-SM-396	ANIMAL BREEDING CENTRE, SALON	06-09-2007	31	270	-12.37	-1.55	80.69
36	ABC-SM-384	ANIMAL BREEDING CENTRE, SALON	18-07-2007	33	269	-1.57	0.23	80.59
37	ABC-SM-400	ANIMAL BREEDING CENTRE, SALON	16-12-2007	31	288	-9.11	-1.07	80.58

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL (%)
38	ABC-SM-589	ANIMAL BREEDING CENTRE, SALON	31-12-2011	29	239	-19.60	-1.56	80.52
39	ABC-SM-660	ANIMAL BREEDING CENTRE, SALON	09-11-2012	29	237	-1.38	-0.77	80.49
40	ABC-SM-621	ANIMAL BREEDING CENTRE, SALON	16-10-2012	29	246	-22.40	-1.92	80.18
41	ABC-SM-645	ANIMAL BREEDING CENTRE, SALON	20-01-2013	29	241	10.45	-0.34	80.09
42	ABC-SM-640	ANIMAL BREEDING CENTRE, SALON	01-02-2013	29	270	4.73	-0.63	80.05
43	HIS-72860	FROZEN SEMEN BANK, HISSAR	21-11-2009	31	260	-20.49	-2.05	80.02
44	ABC-SM-513	ANIMAL BREEDING CENTRE, SALON	08-11-2009	29	260	-1.36	-0.46	79.74
45	ABC-SM-611	ANIMAL BREEDING CENTRE, SALON	03-01-2012	27	233	-3.43	-0.21	79.60
46	ABC-SM-391	ANIMAL BREEDING CENTRE, SALON	27-09-2007	29	260	3.66	-0.94	79.57
47	ABC-SM-493	ANIMAL BREEDING CENTRE, SALON	20-09-2009	28	272	-12.42	-0.77	79.49
48	ABC-SM-613	ANIMAL BREEDING CENTRE, SALON	18-11-2011	28	239	-16.30	-1.12	79.49
49	RHR-MR-50044	RAHURI SEMEN STATION, AHMEDNAGAR.	12-12-2014	30	245	-0.39	-0.87	79.25
50	ABC-SM-515	ANIMAL BREEDING CENTRE, SALON	15-01-2010	27	249	-25.71	-1.30	79.14
51	ABC-SM-665	ANIMAL BREEDING CENTRE, SALON	08-07-2013	28	209	-9.91	-1.47	79.03
52	SAG-BM-264	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-05-2005	28	220	6.33	-0.85	78.88
53	ABC-SM-593	ANIMAL BREEDING CENTRE, SALON	26-12-2011	25	223	1.78	-0.67	78.86
54	SAG-BM-213	SABARMATI ASHRAM	22-02-2002	28	239	-0.70	0.54	78.81

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL (%)
		GAUSHALA, BIDADJ						
55	RHR-MR-50136	RAHURI SEMEN STATION, AHMEDNAGAR.	06-08-2015	28	208	-2.07	-0.63	78.67
56	ALM-MR-40064	ALAMADHI SEMEN STATION	04-11-2012	27	224	-2.05	-1.32	78.67
57	ABC-SM-591	ANIMAL BREEDING CENTRE, SALON	12-02-2012	25	215	-12.96	-1.04	78.63
58	ABC-SM-466	ANIMAL BREEDING CENTRE, SALON	14-12-2009	26	235	9.72	-0.18	78.35
59	ABC-SM-703	ANIMAL BREEDING CENTRE, SALON	10-10-2011	26	232	-11.29	-1.22	78.32
60	ABC-SM-619	ANIMAL BREEDING CENTRE, SALON	30-04-2012	24	223	3.19	-1.20	78.10
61	ABC-SM-465	ANIMAL BREEDING CENTRE, SALON	20-11-2009	25	228	-26.46	-0.83	77.95
62	ABC-SM-646	ANIMAL BREEDING CENTRE, SALON	18-11-2012	24	211	19.67	-0.78	77.55
63	ABC-SM-394	ANIMAL BREEDING CENTRE, SALON	29-08-2007	25	219	-2.86	-0.88	77.48
64	ABC-SM-299	ANIMAL BREEDING CENTRE, SALON	23-07-2006	26	237	16.50	1.35	77.45
65	ALM-MR-40060	ALAMADHI SEMEN STATION	24-08-2012	25	209	-16.54	-1.52	77.44
66	ABC-SM-536	ANIMAL BREEDING CENTRE, SALON	15-07-2011	23	197	8.70	-0.78	77.38
67	ABC-SM-463	ANIMAL BREEDING CENTRE, SALON	14-11-2009	25	224	9.18	0.17	77.38
68	ABC-SM-614	ANIMAL BREEDING CENTRE, SALON	20-09-2011	23	186	-10.67	-0.50	77.35
69	ALM-MR-40095	ALAMADHI SEMEN STATION	01-07-2013	25	196	7.83	-0.52	77.31
70	ABC-SM-666	ANIMAL BREEDING CENTRE, SALON	08-09-2013	25	188	-18.01	-1.90	77.28
71	ABC-SM-495	ANIMAL BREEDING CENTRE, SALON	16-12-2009	24	216	-0.13	-0.34	77.20

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL (%)
72	ABC-SM-609	ANIMAL BREEDING CENTRE, SALON	19-10-2011	22	184	13.63	-0.36	77.10
73	ABC-SM-610	ANIMAL BREEDING CENTRE, SALON	12-11-2011	22	192	-2.87	-0.64	76.90
74	ABC-SM-354	ANIMAL BREEDING CENTRE, SALON	11-01-2007	24	208	2.38	2.10	76.52
75	ABC-SM-707	ANIMAL BREEDING CENTRE, SALON	16-09-2012	23	199	20.12	0.02	76.48
76	ABC-SM-616	ANIMAL BREEDING CENTRE, SALON	16-09-2012	23	198	-2.04	-0.78	76.20
77	ABC-SM-358	ANIMAL BREEDING CENTRE, SALON	21-10-2007	24	215	8.86	2.55	76.17
78	ABC-SM-459	ANIMAL BREEDING CENTRE, SALON	07-09-2009	23	191	-10.89	-0.81	76.13
79	ABC-SM-622	ANIMAL BREEDING CENTRE, SALON	22-11-2012	20	182	-20.72	-1.30	75.98
80	ABC-SM-325	ANIMAL BREEDING CENTRE, SALON	13-01-2007	24	208	4.85	2.56	75.97
81	ABC-SM-355	ANIMAL BREEDING CENTRE, SALON	15-09-2007	22	196	-1.14	0.54	75.86
82	ABC-SM-615	ANIMAL BREEDING CENTRE, SALON	14-11-2011	21	193	22.99	-0.10	75.63
83	SAG-BM-243	SABARMATI ASHRAM GAUSHALA, BIDA J	02-08-2003	21	195	12.76	0.43	75.50
84	SAG-BM-224	SABARMATI ASHRAM GAUSHALA, BIDA J	01-04-2001	21	195	3.01	0.92	75.23
85	ABC-SM-489	ANIMAL BREEDING CENTRE, SALON	16-08-2010	21	199	-6.35	0.82	75.20
86	ABC-SM-642	ANIMAL BREEDING CENTRE, SALON	10-10-2012	21	185	2.32	-1.11	75.05
87	SAG-BM-270	SABARMATI ASHRAM GAUSHALA, BIDA J	01-09-2004	21	186	-5.84	0.18	75.05

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL (%)
88	HIS-70577	FROSEN SEMEN BANK, HISSAR	02-10-2007	21	177	-7.54	-0.56	74.93
89	ABC-SM-538	ANIMAL BREEDING CENTRE, SALON	19-02-2011	19	167	-23.87	-0.78	74.80
90	ABC-SM-301	ANIMAL BREEDING CENTRE, SALON	25-08-2006	21	174	5.60	1.96	74.73
91	ABC-SM-899	ANIMAL BREEDING CENTRE, SALON	08-12-2014	20	165	-5.36	-1.18	74.58
92	ABC-SM-514	ANIMAL BREEDING CENTRE, SALON	26-09-2010	20	187	-3.98	-0.38	74.53
93	RHR-MR-50138	RAHURI SEMEN STATION, AHMEDNAGAR.	19-07-2015	20	150	12.17	-0.10	74.13
94	ABC-SM-462	ANIMAL BREEDING CENTRE, SALON	04-11-2009	18	149	22.52	1.17	73.35
95	ABC-SM-659	ANIMAL BREEDING CENTRE, SALON	24-08-2012	17	149	9.22	-0.25	73.35
96	RHR-MR-50042	RAHURI SEMEN STATION, AHMEDNAGAR.	26-07-2014	21	137	12.54	-0.46	73.34
97	SAG-BM-266	SABARMATI ASHRAM GAUSHALA, BIDADJ	17-09-2004	19	170	-11.30	0.25	72.89
98	ABC-SM-496	ANIMAL BREEDING CENTRE, SALON	08-09-2010	18	158	-6.56	-0.33	72.70
99	ABC-SM-516	ANIMAL BREEDING CENTRE, SALON	08-12-2010	18	159	-12.21	-0.59	72.65
100	ABC-SM-537	ANIMAL BREEDING CENTRE, SALON	23-08-2011	16	144	-15.79	-0.06	72.63
101	HIS-PC-575	FROSEN SEMEN BANK, HISSAR	02-09-2009	17	153	5.11	-0.65	72.23
102	ABC-SM-461	ANIMAL BREEDING CENTRE, SALON	23-10-2009	17	139	-10.60	-0.41	71.78
103	ABC-SM-404	ANIMAL BREEDING CENTRE, SALON	21-05-2008	17	155	-18.48	0.69	71.65
104	HIS-PC-461	FROSEN SEMEN BANK, HISSAR	09-09-2008	17	132	0.23	-0.26	71.43

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL (%)
105	ABC-SM-382	ANIMAL BREEDING CENTRE, SALON	18-06-2007	17	144	26.06	0.51	71.40
106	ALM-MR-40093	ALAMADHI SEMEN STATION	05-01-2014	16	121	9.69	-0.38	71.06
107	RHR-MR-50040	RAHURI SEMEN STATION, AHMEDNAGAR.	10-09-2012	16	132	24.99	0.20	70.51
108	ALM-MR-40162	ALAMADHI SEMEN STATION	09-09-2013	16	107	-14.97	-2.22	70.02

Trait: 305 Day Protein Yield & %

Species: Buffalo

Breed: Murrah

Date of estimation: 29 December 2023

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)
1	HIS-105144	FROSEN SEMEN BANK, HISSAR	08-08-2009	69	570	2.42	-0.35	87.63
2	SAG-BM-260	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-12-2004	54	470	6.81	-0.05	85.72
3	ALM-MR-40061	ALAMADHI SEMEN STATION	15-08-2012	51	420	-3.44	-0.40	85.60
4	SAG-BM-236	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-08-2003	53	449	5.34	-0.28	85.05
5	ALM-MR-40058	ALAMADHI SEMEN STATION	10-10-2012	51	400	2.34	-0.66	84.22
6	HIS-102699	FROSEN SEMEN BANK, HISSAR	04-11-2012	45	382	1.26	-0.43	83.71
7	ABC-SM-740	ANIMAL BREEDING CENTRE, SALON	17-08-2013	44	407	-1.81	-0.39	83.57
8	ABC-SM-662	ANIMAL BREEDING CENTRE, SALON	10-07-2012	44	366	-4.00	-0.64	83.56
9	HIS-MR-321	FROSEN SEMEN BANK, HISSAR	25-12-2011	44	381	0.75	-0.35	83.45
10	ABC-SM-709	ANIMAL BREEDING CENTRE, SALON	25-09-2012	44	401	7.42	-0.25	83.44

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)
11	SAG-BM-241	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-10-2002	44	386	15.98	0.10	83.28
12	ABC-SM-464	ANIMAL BREEDING CENTRE, SALON	17-11-2009	45	386	-3.59	-0.22	83.25
13	ABC-SM-386	ANIMAL BREEDING CENTRE, SALON	20-08-2007	42	379	0.57	0.28	83.19
14	ABC-SM-661	ANIMAL BREEDING CENTRE, SALON	06-08-2012	43	375	2.68	-0.17	82.89
15	ABC-SM-620	ANIMAL BREEDING CENTRE, SALON	03-07-2012	39	336	-0.05	0.13	82.32
16	ABC-SM-686	ANIMAL BREEDING CENTRE, SALON	13-01-2013	40	336	0.37	-0.24	82.31
17	ALM-MR-40063	ALAMADHI SEMEN STATION	02-08-2012	40	365	2.61	-0.36	82.21
18	ABC-SM-535	ANIMAL BREEDING CENTRE, SALON	01-08-2011	39	352	-2.13	-0.10	82.12
19	ABC-SM-395	ANIMAL BREEDING CENTRE, SALON	02-09-2007	39	363	-2.70	-0.43	82.08
20	ABC-SM-710	ANIMAL BREEDING CENTRE, SALON	06-10-2012	39	338	-3.87	-0.54	82.00
21	ABC-SM-637	ANIMAL BREEDING CENTRE, SALON	24-02-2013	38	332	-1.15	-0.34	81.80
22	HIS-MR-1029	FROSEN SEMEN BANK, HISSAR	08-02-2011	39	322	-3.89	-0.39	81.70
23	ABC-SM-409	ANIMAL BREEDING CENTRE, SALON	05-09-2008	39	326	-5.19	0.00	81.42
24	ABC-SM-592	ANIMAL BREEDING CENTRE, SALON	21-01-2012	35	303	-3.85	-0.01	81.21
25	ABC-SM-392	ANIMAL BREEDING CENTRE, SALON	25-11-2007	40	335	-7.66	0.23	81.20
26	ABC-SM-406	ANIMAL BREEDING CENTRE, SALON	02-08-2008	36	308	5.88	0.07	80.62
27	ABC-SM-667	ANIMAL BREEDING CENTRE, SALON	11-06-2013	36	299	5.63	-0.41	80.58
28	SAG-SM-517	ANIMAL BREEDING CENTRE, SALON	03-01-2011	34	300	5.37	0.12	80.27

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)
29	ABC-SM-401	ANIMAL BREEDING CENTRE, SALON	04-02-2008	35	300	-3.76	-0.09	79.55
30	ABC-SM-704	ANIMAL BREEDING CENTRE, SALON	01-09-2012	32	289	-6.29	-0.57	79.44
31	ABC-SM-398	ANIMAL BREEDING CENTRE, SALON	16-11-2007	32	279	7.53	-0.07	79.40
32	ABC-SM-590	ANIMAL BREEDING CENTRE, SALON	27-10-2012	31	264	0.94	-0.10	79.32
33	SAG-BM-268	SABARMATI ASHRAM GAUSHALA, BIDA J	09-10-2004	35	289	-1.66	0.52	79.11
34	ABC-SM-701	ANIMAL BREEDING CENTRE, SALON	06-08-2012	33	247	-1.67	-0.53	79.00
35	ABC-SM-396	ANIMAL BREEDING CENTRE, SALON	06-09-2007	31	270	-4.31	-0.44	78.99
36	ABC-SM-400	ANIMAL BREEDING CENTRE, SALON	16-12-2007	31	288	-7.73	-0.09	78.90
37	ABC-SM-589	ANIMAL BREEDING CENTRE, SALON	31-12-2011	29	239	-9.10	-0.31	78.86
38	ABC-SM-384	ANIMAL BREEDING CENTRE, SALON	18-07-2007	33	269	-0.37	0.07	78.85
39	ABC-SM-660	ANIMAL BREEDING CENTRE, SALON	09-11-2012	29	237	-3.19	-0.11	78.84
40	ABC-SM-621	ANIMAL BREEDING CENTRE, SALON	16-10-2012	29	246	-7.04	-0.55	78.53
41	ABC-SM-645	ANIMAL BREEDING CENTRE, SALON	20-01-2013	29	241	6.14	-0.23	78.39
42	ABC-SM-640	ANIMAL BREEDING CENTRE, SALON	01-02-2013	29	270	1.70	-0.20	78.37
43	HIS-72860	FROSEN SEMEN BANK, HISSAR	21-11-2009	31	260	-5.14	-0.66	78.26
44	ABC-SM-513	ANIMAL BREEDING CENTRE, SALON	08-11-2009	29	260	-3.32	-0.01	77.98
45	ABC-SM-611	ANIMAL BREEDING CENTRE, SALON	03-01-2012	27	233	-2.05	-0.02	77.91

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)
46	ABC-SM-391	ANIMAL BREEDING CENTRE, SALON	27-09-2007	29	260	-0.54	-0.21	77.82
47	ABC-SM-493	ANIMAL BREEDING CENTRE, SALON	20-09-2009	28	272	-4.42	-0.20	77.77
48	ABC-SM-613	ANIMAL BREEDING CENTRE, SALON	18-11-2011	28	239	-7.57	-0.21	77.74
49	RHR-MR-50044	RAHURI SEMEN STATION, AHMEDNAGAR.	12-12-2014	30	245	4.47	-0.46	77.43
50	ABC-SM-515	ANIMAL BREEDING CENTRE, SALON	15-01-2010	27	249	-10.25	-0.27	77.39
51	ABC-SM-665	ANIMAL BREEDING CENTRE, SALON	08-07-2013	28	209	-1.81	-0.49	77.22
52	ABC-SM-593	ANIMAL BREEDING CENTRE, SALON	26-12-2011	25	223	-0.71	-0.15	77.18
53	SAG-BM-264	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-05-2005	28	220	2.69	-0.29	77.00
54	SAG-BM-213	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-02-2002	28	239	0.17	0.14	76.97
55	ABC-SM-591	ANIMAL BREEDING CENTRE, SALON	12-02-2012	25	216	-7.21	-0.16	76.88
56	ALM-MR-40064	ALAMADHI SEMEN STATION	04-11-2012	27	224	0.57	-0.45	76.84
57	RHR-MR-50136	RAHURI SEMEN STATION, AHMEDNAGAR.	06-08-2015	28	208	2.52	-0.33	76.72
58	ABC-SM-466	ANIMAL BREEDING CENTRE, SALON	14-12-2009	26	235	0.59	0.04	76.53
59	ABC-SM-703	ANIMAL BREEDING CENTRE, SALON	10-10-2011	26	232	-3.64	-0.35	76.52
60	ABC-SM-619	ANIMAL BREEDING CENTRE, SALON	30-04-2012	24	223	-0.01	-0.32	76.38
61	ABC-SM-465	ANIMAL BREEDING CENTRE, SALON	20-11-2009	25	228	-9.66	-0.16	76.10
62	ABC-SM-646	ANIMAL BREEDING CENTRE, SALON	18-11-2012	24	211	6.71	-0.27	75.75

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)
63	ABC-SM-536	ANIMAL BREEDING CENTRE, SALON	15-07-2011	23	197	1.05	-0.17	75.60
64	ABC-SM-394	ANIMAL BREEDING CENTRE, SALON	29-08-2007	25	219	0.30	-0.31	75.59
65	ABC-SM-299	ANIMAL BREEDING CENTRE, SALON	23-07-2006	26	237	2.49	0.49	75.57
66	ALM-MR-40060	ALAMADHI SEMEN STATION	24-08-2012	25	209	-4.50	-0.47	75.55
67	ABC-SM-614	ANIMAL BREEDING CENTRE, SALON	20-09-2011	23	186	-2.72	-0.17	75.53
68	ABC-SM-463	ANIMAL BREEDING CENTRE, SALON	14-11-2009	25	224	1.85	0.09	75.48
69	ALM-MR-40095	ALAMADHI SEMEN STATION	01-07-2013	25	196	6.34	-0.32	75.41
70	ABC-SM-666	ANIMAL BREEDING CENTRE, SALON	08-09-2013	25	189	-3.16	-0.67	75.37
71	ABC-SM-495	ANIMAL BREEDING CENTRE, SALON	16-12-2009	24	216	-3.27	0.04	75.35
72	ABC-SM-609	ANIMAL BREEDING CENTRE, SALON	19-10-2011	22	184	4.56	-0.13	75.31
73	ABC-SM-610	ANIMAL BREEDING CENTRE, SALON	12-11-2011	22	192	-2.54	-0.12	75.08
74	ABC-SM-354	ANIMAL BREEDING CENTRE, SALON	11-01-2007	24	208	-2.45	0.75	74.59
75	ABC-SM-707	ANIMAL BREEDING CENTRE, SALON	16-09-2012	23	199	9.51	-0.14	74.57
76	ABC-SM-616	ANIMAL BREEDING CENTRE, SALON	16-09-2012	23	198	0.51	-0.28	74.25
77	ABC-SM-358	ANIMAL BREEDING CENTRE, SALON	21-10-2007	24	215	0.48	0.84	74.21
78	ABC-SM-622	ANIMAL BREEDING CENTRE, SALON	22-11-2012	20	182	-6.04	-0.40	74.19
79	ABC-SM-459	ANIMAL BREEDING CENTRE, SALON	07-09-2009	23	191	-3.33	-0.24	74.15
80	ABC-SM-325	ANIMAL BREEDING CENTRE, SALON	13-01-2007	24	208	0.36	0.80	73.96

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)
81	ABC-SM-355	ANIMAL BREEDING CENTRE, SALON	15-09-2007	22	196	-1.87	0.22	73.88
82	ABC-SM-615	ANIMAL BREEDING CENTRE, SALON	14-11-2011	21	193	4.51	0.06	73.74
83	SAG-BM-243	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-08-2003	21	195	4.61	0.10	73.52
84	SAG-BM-224	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-04-2001	21	195	0.60	0.29	73.26
85	ABC-SM-489	ANIMAL BREEDING CENTRE, SALON	16-08-2010	21	199	-1.74	0.24	73.23
86	ABC-SM-642	ANIMAL BREEDING CENTRE, SALON	10-10-2012	21	185	2.86	-0.43	73.10
87	SAG-BM-270	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-09-2004	21	186	-3.91	0.15	73.05
88	ABC-SM-538	ANIMAL BREEDING CENTRE, SALON	19-02-2011	19	167	-10.24	-0.09	72.92
89	HIS-70577	FROSEN SEMEN BANK, HISSAR	02-10-2007	21	177	-2.41	-0.16	72.84
90	ABC-SM-301	ANIMAL BREEDING CENTRE, SALON	25-08-2006	21	174	0.82	0.62	72.64
91	ABC-SM-899	ANIMAL BREEDING CENTRE, SALON	08-12-2014	20	165	-0.02	-0.42	72.57
92	ABC-SM-514	ANIMAL BREEDING CENTRE, SALON	26-09-2010	20	187	-3.29	-0.02	72.52
93	RHR-MR-50138	RAHURI SEMEN STATION, AHMEDNAGAR.	19-07-2015	20	151	6.81	-0.16	72.03
94	ABC-SM-659	ANIMAL BREEDING CENTRE, SALON	24-08-2012	17	149	0.88	0.00	71.41
95	ABC-SM-462	ANIMAL BREEDING CENTRE, SALON	04-11-2009	18	149	8.64	0.28	71.28
96	RHR-MR-50042	RAHURI SEMEN STATION, AHMEDNAGAR.	26-07-2014	21	137	5.93	-0.23	71.11
97	SAG-BM-266	SABARMATI ASHRAM	17-09-2004	19	170	-5.46	0.16	70.74

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)
		GAUSHALA, BIDAJ						
98	ABC-SM-537	ANIMAL BREEDING CENTRE, SALON	23-08-2011	16	144	-6.68	0.07	70.72
99	ABC-SM-496	ANIMAL BREEDING CENTRE, SALON	08-09-2010	18	158	-5.04	0.03	70.55
100	ABC-SM-516	ANIMAL BREEDING CENTRE, SALON	08-12-2010	18	159	-6.73	-0.04	70.51
101	HIS-PC-575	FROSEN SEMEN BANK, HISSAR	02-09-2009	17	153	1.74	-0.20	70.11

Trait: 305 Age at First Calving (AFC)

Species: Buffalo

Breed: Murrah

Date of estimation: 29 December 2023

Sr. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
1	ALM-MR-40061	Alamadhi Semen Station	15-08-2012	68	-17.36	90.08
2	ALM-MR-40058	Alamadhi Semen Station	10-10-2012	64	79.18	89.63
3	ABC-SM-661	Animal Breeding Centre, Salon	06-08-2012	58	32.51	89.26
4	ABC-SM-709	Animal Breeding Centre, Salon	25-09-2012	63	-9.08	88.99
5	ABC-SM-740	Animal Breeding Centre, Salon	17-08-2013	61	-2.97	88.94
6	ABC-SM-686	Animal Breeding Centre, Salon	13-01-2013	55	23.61	88.89
7	HIS-MR-321	Frosen Semen Bank, Hissar	25-12-2011	57	6.97	88.86
8	ALM-MR-40063	Alamadhi Semen Station	02-08-2012	51	43.67	88.38
9	ABC-SM-662	Animal Breeding Centre, Salon	10-07-2012	46	-14.67	88.38
10	ABC-SM-395	Animal Breeding Centre, Salon	02-09-2007	49	31.40	88.33
11	ABC-SM-701	Animal Breeding Centre, Salon	06-08-2012	53	53.24	88.27
12	ABC-SM-637	Animal Breeding Centre, Salon	24-02-2013	45	-8.97	88.17
13	ABC-SM-386	Animal Breeding Centre, Salon	20-08-2007	51	13.73	88.14
14	ABC-SM-710	Animal Breeding Centre, Salon	06-10-2012	52	50.15	88.11
15	HIS-MR-1029	Frosen Semen Bank, Hissar	08-02-2011	51	14.82	88.02
16	ABC-SM-392	Animal Breeding Centre, Salon	25-11-2007	47	54.33	87.99
17	ABC-SM-592	Animal Breeding Centre, Salon	21-01-2012	46	0.49	87.89
18	ABC-SM-535	Animal Breeding Centre, Salon	01-08-2011	46	72.42	87.83

Sr. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
19	HIS-105144	Frosen Semen Bank, Hissar	08-08-2009	88	-17.64	87.79
20	ABC-SM-409	Animal Breeding Centre, Salon	05-09-2008	48	-0.85	87.72
21	ABC-SM-620	Animal Breeding Centre, Salon	03-07-2012	46	17.30	87.71
22	ABC-SM-398	Animal Breeding Centre, Salon	16-11-2007	53	90.79	87.63
23	ABC-SM-667	Animal Breeding Centre, Salon	11-06-2013	44	14.85	87.57
24	ABC-SM-401	Animal Breeding Centre, Salon	04-02-2008	45	96.94	87.54
25	ABC-SM-406	Animal Breeding Centre, Salon	02-08-2008	42	49.71	87.40
26	ABC-SM-384	Animal Breeding Centre, Salon	18-07-2007	48	-76.24	87.27
27	SAG-BM-268	Sabarmati Ashram Gaushala, Bidaj	09-10-2004	50	62.51	87.20
28	ABC-SM-645	Animal Breeding Centre, Salon	20-01-2013	40	43.05	87.17
29	ABC-SM-704	Animal Breeding Centre, Salon	01-09-2012	40	24.99	87.15
30	ABC-SM-665	Animal Breeding Centre, Salon	08-07-2013	37	1.03	87.14
31	ABC-SM-464	Animal Breeding Centre, Salon	17-11-2009	54	46.88	86.96
32	ALM-MR-40060	Alamadhi Semen Station	24-08-2012	37	18.85	86.95
33	SAG-SM-517	Animal Breeding Centre, Salon	03-01-2011	42	27.78	86.91
34	ABC-SM-640	Animal Breeding Centre, Salon	01-02-2013	36	49.74	86.89
35	RHR-MR-50044	Rahuri Semen Station, Ahmednagar.	12-12-2014	39	13.88	86.82
36	HIS-72860	Frosen Semen Bank, Hissar	21-11-2009	41	29.02	86.79
37	ABC-SM-396	Animal Breeding Centre, Salon	06-09-2007	36	17.89	86.77
38	ABC-SM-513	Animal Breeding Centre, Salon	08-11-2009	38	69.50	86.74
39	ABC-SM-621	Animal Breeding Centre, Salon	16-10-2012	41	21.11	86.70
40	ABC-SM-590	Animal Breeding Centre, Salon	27-10-2012	40	2.50	86.69
41	SAG-BM-213	Sabarmati Ashram Gaushala, Bidaj	22-02-2002	42	57.17	86.45
42	ABC-SM-613	Animal Breeding Centre, Salon	18-11-2011	39	23.60	86.40
43	ABC-SM-391	Animal Breeding Centre, Salon	27-09-2007	40	54.19	86.36
44	ABC-SM-515	Animal Breeding Centre, Salon	15-01-2010	37	75.66	86.34
45	ABC-SM-465	Animal Breeding Centre, Salon	20-11-2009	36	-27.85	86.34
46	ABC-SM-593	Animal Breeding Centre, Salon	26-12-2011	37	20.61	86.29
47	ABC-SM-660	Animal Breeding Centre, Salon	09-11-2012	37	39.80	86.27
48	ABC-SM-400	Animal Breeding Centre, Salon	16-12-2007	39	47.47	86.22
49	ABC-SM-299	Animal Breeding Centre, Salon	23-07-2006	35	53.63	86.15
50	ALM-MR-40095	Alamadhi Semen Station	01-07-2013	34	-47.67	86.14
51	ABC-SM-589	Animal Breeding Centre, Salon	31-12-2011	34	13.49	86.10
52	ABC-SM-611	Animal Breeding Centre, Salon	03-01-2012	36	-23.19	86.09
53	ABC-SM-463	Animal Breeding Centre, Salon	14-11-2009	33	5.27	86.06
54	ABC-SM-355	Animal Breeding Centre, Salon	15-09-2007	33	37.24	86.06
55	ALM-MR-40064	Alamadhi Semen Station	04-11-2012	34	-17.29	86.03

Sr. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
56	HIS-102699	Frosen Semen Bank, Hissar	04-11-2012	54	42.78	85.96
57	ABC-SM-493	Animal Breeding Centre, Salon	20-09-2009	35	-10.24	85.94
58	ABC-SM-703	Animal Breeding Centre, Salon	10-10-2011	35	25.56	85.84
59	RHR-MR-50136	Rahuri Semen Station, Ahmednagar.	06-08-2015	30	-32.53	85.78
60	ABC-SM-536	Animal Breeding Centre, Salon	15-07-2011	35	50.11	85.76
61	SAG-BM-243	Sabarmati Ashram Gaushala, Bidaj	02-08-2003	45	44.46	85.66
62	ABC-SM-614	Animal Breeding Centre, Salon	20-09-2011	31	42.76	85.64
63	ABC-SM-591	Animal Breeding Centre, Salon	12-02-2012	29	41.54	85.45
64	ABC-SM-646	Animal Breeding Centre, Salon	18-11-2012	35	7.10	85.39
65	ABC-SM-616	Animal Breeding Centre, Salon	16-09-2012	34	62.11	85.35
66	ABC-SM-666	Animal Breeding Centre, Salon	08-09-2013	28	40.42	85.30
67	ABC-SM-642	Animal Breeding Centre, Salon	10-10-2012	30	19.47	85.28
68	ABC-SM-615	Animal Breeding Centre, Salon	14-11-2011	30	28.48	85.18
69	ABC-SM-462	Animal Breeding Centre, Salon	04-11-2009	31	-21.04	85.17
70	ABC-SM-354	Animal Breeding Centre, Salon	11-01-2007	35	-36.97	85.15
71	ABC-SM-459	Animal Breeding Centre, Salon	07-09-2009	30	-43.98	85.07
72	ABC-SM-394	Animal Breeding Centre, Salon	29-08-2007	33	54.83	84.99
73	ABC-SM-358	Animal Breeding Centre, Salon	21-10-2007	33	62.55	84.96
74	SAG-BM-224	Sabarmati Ashram Gaushala, Bidaj	01-04-2001	31	38.76	84.95
75	SAG-BM-270	Sabarmati Ashram Gaushala, Bidaj	01-09-2004	33	2.15	84.94
76	ABC-SM-707	Animal Breeding Centre, Salon	16-09-2012	32	86.12	84.93
77	ABC-SM-301	Animal Breeding Centre, Salon	25-08-2006	26	-71.79	84.92
78	ABC-SM-466	Animal Breeding Centre, Salon	14-12-2009	34	36.11	84.89
79	ABC-SM-514	Animal Breeding Centre, Salon	26-09-2010	29	26.37	84.89
80	ABC-SM-325	Animal Breeding Centre, Salon	13-01-2007	33	-3.59	84.86
81	ABC-SM-495	Animal Breeding Centre, Salon	16-12-2009	28	-56.83	84.84
82	ABC-SM-609	Animal Breeding Centre, Salon	19-10-2011	28	43.95	84.82
83	ABC-SM-619	Animal Breeding Centre, Salon	30-04-2012	26	-50.95	84.82
84	ABC-SM-610	Animal Breeding Centre, Salon	12-11-2011	30	5.72	84.78
85	RHR-MR-50138	Rahuri Semen Station, Ahmednagar.	19-07-2015	27	-64.41	84.77
86	ABC-SM-461	Animal Breeding Centre, Salon	23-10-2009	28	-16.71	84.76
87	ABC-SM-538	Animal Breeding Centre, Salon	19-02-2011	27	46.72	84.73
88	ABC-SM-489	Animal Breeding Centre, Salon	16-08-2010	28	48.27	84.50
89	ABC-SM-469	Animal Breeding Centre, Salon	28-11-2009	25	-8.84	84.44
90	ABC-SM-622	Animal Breeding Centre, Salon	22-11-2012	27	-4.41	84.24
91	ABC-SM-496	Animal Breeding Centre, Salon	08-09-2010	24	-9.79	84.05

Sr. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
92	ABC-SM-899	Animal Breeding Centre, Salon	08-12-2014	26	41.76	83.98
93	ABC-SM-460	Animal Breeding Centre, Salon	20-09-2009	27	-49.76	83.96
94	RHR-MR-50042	Rahuri Semen Station, Ahmednagar.	26-07-2014	21	13.87	83.90
95	ABC-SM-404	Animal Breeding Centre, Salon	21-05-2008	27	-11.56	83.82
96	SAG-BM-266	Sabarmati Ashram Gaushala, Bidaj	17-09-2004	34	46.36	83.81
97	ABC-SM-468	Animal Breeding Centre, Salon	12-01-2010	24	4.98	83.79
98	ABC-SM-516	Animal Breeding Centre, Salon	08-12-2010	27	14.76	83.76
99	RHR-MR-50040	Rahuri Semen Station, Ahmednagar.	10-09-2012	24	-7.02	83.63
100	ABC-SM-659	Animal Breeding Centre, Salon	24-08-2012	21	-45.01	83.43
101	ALM-MR-40162	Alamadhi Semen Station	09-09-2013	21	25.38	83.42
102	ABC-SM-537	Animal Breeding Centre, Salon	23-08-2011	24	35.43	83.40
103	RHR-MR-50037	Rahuri Semen Station, Ahmednagar.	20-07-2013	22	-43.90	83.39
104	ALM-MR-40093	Alamadhi Semen Station	05-01-2014	23	-35.85	83.38
105	RHR-MR-50134	Rahuri Semen Station, Ahmednagar.	21-09-2013	22	1.55	83.37
106	HIS-PC-665	Frosen Semen Bank, Hissar	14-11-2009	21	72.78	83.27
107	ABC-SM-643	Animal Breeding Centre, Salon	16-07-2012	19	26.26	83.20
108	ABC-SM-488	Animal Breeding Centre, Salon	05-01-2011	23	24.46	83.14
109	ABC-SM-382	Animal Breeding Centre, Salon	18-06-2007	22	-6.86	83.10
110	RHR-MR-50038	Rahuri Semen Station, Ahmednagar.	15-06-2013	20	11.18	82.87
111	SAG-BM-296	Sabarmati Ashram Gaushala, Bidaj	17-11-2004	19	7.58	82.81
112	SAG-BM-272	Sabarmati Ashram Gaushala, Bidaj	02-10-2004	18	60.73	82.60
113	ABC-SM-402	Animal Breeding Centre, Salon	09-06-2008	16	28.39	82.54
114	RHR-MR-50036	Rahuri Semen Station, Ahmednagar.	25-09-2013	16	-31.57	82.28
115	ALM-MR-40092	Alamadhi Semen Station	01-08-2013	19	-3.10	82.27
116	ALM-MR-40102	Alamadhi Semen Station	05-01-2014	19	22.00	82.21
117	ABC-SM-327	Animal Breeding Centre, Salon	07-04-2007	21	-14.18	82.20
118	ABC-SM-612	Animal Breeding Centre, Salon	18-09-2011	17	68.54	82.06
119	ABC-SM-410	Animal Breeding Centre, Salon	05-10-2008	14	13.35	82.05
120	ABC-SM-664	Animal Breeding Centre, Salon	01-07-2013	14	-13.14	82.03
121	SAG-BM-236	Sabarmati Ashram Gaushala, Bidaj	08-08-2003	65	-21.14	81.77
122	ABC-SM-388	Animal Breeding Centre, Salon	08-09-2007	15	39.30	81.75
123	ALM-MR-40101	Alamadhi Semen Station	20-07-2013	15	30.14	81.62
124	RHR-MR-50125	Rahuri Semen Station, Ahmednagar.	19-04-2015	14	8.44	81.58

Sr. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
125	ALM-MR-40097	Alamadhi Semen Station	01-10-2013	12	-5.70	81.31
126	ABC-SM-608	Animal Breeding Centre, Salon	16-09-2011	21	18.12	81.29
127	RHR-MR-50144	Rahuri Semen Station, Ahmednagar.	11-11-2015	9	-11.45	80.20
128	SAG-BM-241	Sabarmati Ashram Gaushala, Bidaj	28-10-2002	51	2.00	79.84
129	ABC-SM-641	Animal Breeding Centre, Salon	18-12-2012	10	23.77	79.78
130	ABC-SM-639	Animal Breeding Centre, Salon	16-03-2013	6	1.90	78.47
131	HIS-MR-102699	Frosen Semen Bank, Hissar	04-11-2012	10	-12.15	78.46
132	ALM-MR-40059	Alamadhi Semen Station	02-02-2013	9	0.85	78.44
133	ABC-SM-860	Animal Breeding Centre, Salon	15-07-2014	4	2.68	77.49
134	SAG-BM-321	Sabarmati Ashram Gaushala, Bidaj	19-09-2007	3	7.31	77.43
135	ABC-SM-968	Animal Breeding Centre, Salon	11-09-2015	3	-11.51	76.87
136	HIS-70577	Frosen Semen Bank, Hissar	02-10-2007	26	1.70	76.81
137	SAG-BM-260	Sabarmati Ashram Gaushala, Bidaj	01-12-2004	61	-2.60	76.36
138	abc-sm-299	Animal Breeding Centre, Salon	23-07-2006	35	0.81	76.36
139	ABC-SM-300	Animal Breeding Centre, Salon	18-08-2006	1	4.23	76.35
140	HIS-530155	Frosen Semen Bank, Hissar	08-06-2013	1	-0.54	76.35
141	abc-sm-398	Animal Breeding Centre, Salon	16-11-2007	53	18.97	76.35
142	HIS-mr-1029	Frosen Semen Bank, Hissar	08-02-2011	51	-11.68	76.35
143	BAS-MB145	Frosen Semen Bank, Bassi.	05-09-2008	1	2.83	76.35
144	ABC-SM-914	Animal Breeding Centre, Salon	04-03-2015	1	0.72	76.34
145	ABC-SM-932	Animal Breeding Centre, Salon	03-11-2014	2	-2.62	76.34
146	abc-sm-667	Animal Breeding Centre, Salon	11-06-2013	44	-5.37	76.33
147	ABC-SM-908	Animal Breeding Centre, Salon	09-11-2014	1	-18.00	76.33
148	ABC-SM-886	Animal Breeding Centre, Salon	20-08-2014	1	3.79	76.32
149	abc-sm-515	Animal Breeding Centre, Salon	15-01-2010	37	1.18	76.31
150	SAG-BM-263	Sabarmati Ashram Gaushala, Bidaj	17-01-2006	16	4.01	75.90
151	HIS-PC-461	Frosen Semen Bank, Hissar	09-09-2008	21	-3.38	75.90
152	HIS-PC-575	Frosen Semen Bank, Hissar	02-09-2009	21	-8.58	75.90
153	ABC-SM-223	Animal Breeding Centre, Salon	05-01-2005	13	7.91	75.90
154	SAG-BM-347	Sabarmati Ashram Gaushala, Bidaj	09-10-2009	9	-6.36	75.90
155	ABC-SM-289	Animal Breeding Centre, Salon	05-11-2005	11	4.86	75.90
156	ABC-SM-187	Animal Breeding Centre, Salon	05-09-2003	13	-0.16	75.89
157	HIS-FT-328	Frosen Semen Bank, Hissar	28-08-2000	4	-3.96	75.89