

Thorbardín Bull Tests Dashboard

Visualizing Trends & Evaluating Carcass Data
from
Thorbardín Bull Tests

Test Data

Thorbardin Bull Tests

- Conducted 2000 – 2005
- Information is found in the internet archive by using the Wayback Machine
- Final data sheets imported into a Dashboard
- <https://j-bar-t-bull-test-dashboard.streamlit.app/>

TBRBT ID #	Bull Name	Color	Ranch/Owner	Breed	DOB	Birth		2-Dec		30-Dec		27-Jan		24-Feb		24-Mar		21-Apr		CUM		Semen		Morphology	Dam		
						Wt.	ADG	Wt.	ADG	Wt.	ADG	Wt.	ADG	Wt.	ADG	Wt.	ADG	WDA	REA	BF	%IMF	cm	Motility			%	Sire
	Rohan of Five Star Farm	Red	Five Star Farm	Highland	2/26/04	68	658	732	2.64	800	2.43	832	1.14	860	1.00	956	3.43	2.28	2.13	9.95	0.09	2.52	33	75	80	Magnum of Five Star Farm	Valhalla's Randi
112	TCL Romeo Red	Red	Tom & Cheryl Larsen	Highland	5/8/04	68	448	498	1.79	538	1.43	576	1.36	692	4.14	700	0.29	2.01	1.80	8.45	0.07	1.69	31	80	85	Hannay Chestnut	TCL Big Sky Camilla
107	TCL Bullwinkle	Yellow	Tom & Cheryl Larsen	Highland	5/1/04	68	534	540	0.21	560	0.71	600	1.43	650	1.79	700	1.79	1.97	1.19	10.17	0.09	2.68	29	70	75	WY Big Horn Frasier	TCL Big Sky TaWanda
	LEA Atlas	Black	LEA-White Farms	Highland	3/29/04	74	526	590	2.29	632	1.50	678	1.64	726	1.71	766	1.43	1.97	1.71	10.23	0.08	2.09	31	85	90	LEA Viscount	LEA Nitro
217	ArrowPoint Cattle Co.	Red	ArrowPoint Cattle Co.	Highland	5/2/04	68	440	448	0.29	486	1.71	506	0.36	550	1.57	606	2.21	2.77	2.26	10.22	0.12	2.77	27	75	80	Owl Rock Xanthus	Blue Skies Jane
235	ArrowPoint Cattle Co.	Red	ArrowPoint Cattle Co.	Highland	3/18/04	68	578	538	-1.43	600	2.21	650	1.79	726	2.71	770	1.57	1.93	1.37	9.14	0.08	1.90	32	70	80	Owl Rock Xanthus	CJ Arrowpoint Milli
400	Prairie Red Oak "Sonny"	Yellow	Fountain Prairie Inn & Farms	Highland	4/9/04	68	450	465	0.54	538	2.61	572	1.21	642	2.50	670	1.00	1.78	1.57	7.88	0.07	2.44	31	80	80	KR Lord Tabasco (AI)	Pick of Rose
6	Steve Maertens	Red	Steve Maertens	Highland	3/15/04	68	418	434	0.57	448	0.50	480	1.14	564	3.00	578	0.50	1.44	1.14	6.45	0.08	1.99				TCL Buddy Red Bow	Thorbardin's Kirstin
4027	Talbot Club Calves	Black	Talbot Club Calves	GXChiAn	3/13/04	77	748	814	2.36	880	2.36	956	2.71	1006	1.79	1052	1.64	2.60	2.17	9.59	0.11	1.69	30	80	85	Curly	ChiAngus
4031	Talbot Club Calves	Black	Talbot Club Calves	ChiAnXAng	3/15/04	80	852	898	1.64	990	3.29	1034	1.57	1112	2.79	1142	1.07	2.84	2.07	12.17	0.14	2.79	36	90	90	Headliner	Angus
4045	Talbot Club Calves	Black	Talbot Club Calves	Composite	3/17/04	67	816	878	2.21	942	2.29	1016	2.64	1050	1.21	1150	3.57	2.88	2.39	11.01	0.09	2.74	32	75	80	Fleisch	
4058	Talbot Club Calves	Black	Talbot Club Calves	ChiAn	3/20/04	62	784	794	0.36	898	3.71	890	3.29	966	3.71	1100	2.21	2.77	2.26	10.22	0.12	3.48	34	95	95	Kopftrop	Mr. A daughter
4068	Talbot Club Calves	Black	Talbot Club Calves	Maine Anjou	3/22/04	72	790	812	0.79	890	2.79	988	3.50	1026	1.36	1060	1.21	2.68	1.93	10.80	0.09	1.73	35	90	90	The Man Dam	
4115	Talbot Club Calves	Black	Talbot Club Calves	ChiAn	3/31/04	80	684	782	3.50	832	1.79	922	3.21	974	1.86	1004	1.07	2.60	2.29	11.57	0.1	3.30	32	80	80	Kopftrop	Mr A daughter
4148	Talbot Club Calves	Black	Talbot Club Calves	Composite	4/7/04	82	788	798	0.36	836	1.36	910	2.64	960	1.79	1016	2.00	2.68	1.63	9.63	0.11	2.88	36	85	90	8145	Irish Black Cross
4186	Talbot Club Calves	RWF	Talbot Club Calves	Hereford	4/17/04	78	608	616	0.29	682	2.36	730	1.71	788	2.07	790	0.07	2.14	1.30	9.04	0.1	2.62	33	70	70	Hereford	Hereford
4085	AI	BBF	Thorbardin Ranch	HX	4/21/04	70	475	502	0.96	574	2.57	612	1.36	646	1.21	700	1.93	1.92	1.61	8.88	0.08	1.60	31	70	75	Dirigo Forceful (ET)	2364
4179	AI	Red	Thorbardin Ranch	HX	4/22/04	65	444	508	2.29	574	2.36	648	2.64	688	1.43	762	2.64	2.09	2.27	9.61	0.07	1.88	33	85	85	Dirigo Forceful (ET)	2009
4193	Thorbardin Ranch	Black	Thorbardin Ranch	Composite	4/25/04	85	746	732	-0.50	836	3.71	890	1.93	956	2.36	1028	2.57	2.65	2.01	8.75	0.1	2.47	37	80	75	TBR Bull	8208
4200	AI	Black	Thorbardin Ranch	HX	4/25/04	70	412	451	1.39	507	2.00	546	1.39	584	1.36	642	2.07	1.78	1.64	10.32	0.07	1.65	29	85	80	Thorbardin's Jed	2352
4211	AI	Black	Thorbardin Ranch	HX	4/26/04	75	608	620	0.43	694	2.64	768	2.64	812	1.57	848	1.29	2.36	1.71	9.87	0.09	2.61	34	85	90	Dirigo Forceful (ET)	8666
4226	ET	Black	Thorbardin Ranch	HX	4/27/04	75	516	526	0.36	618	3.29	730	4.00	740	0.36	794	1.93	2.21	1.99				30	80	80	Future Direction	Dirigo Frederique (ET)
4264	TBR Rikard (ET)	Black	Thorbardin Ranch	Highland	4/29/04	60	364	388	0.86	436	1.14	452	0.57	526	2.64	558	1.14	1.56	1.39	9.35	0.07	2.31	24			Immatute	Thorbardin's Gandolf
4289	Black	Thorbardin Ranch	HX	4/30/04	75	502	495	-0.25	550	1.96	638	3.14	700	2.21	754	1.93	2.12	1.80	7.95	0.11	2.63	29	75	75	TBR Bull	8637	
4313	ET	Black	Thorbardin Ranch	HX	5/2/04	75	470	516	1.64	536	0.71	654	4.21	712	2.07	760	1.71	2.15	2.07	10.69	0.11	2.92	30	80	80	Future Direction	Dirigo Frederique (ET)
4359	AI	Black	Thorbardin Ranch	HX	5/4/04	70	522	568	1.64	650	2.93	694	1.21	748	2.29	800	1.86	2.27	1.99	8.14	0.08	2.45	32	85	85	Thorbardin's Jed	8484
4388	TBR Rudy (ET)	Red	Thorbardin Ranch	Highland	5/6/04	85	450	483	1.18	526	1.54	574	1.71	638	2.29	700	2.21	2.00	1.79	8.22	0.08	2.17	29	80	70	Thorbardin's Gandolf	Dirigo Frederique (ET)
4570	Black	Thorbardin Ranch	HX	5/19/04	70	586	588	0.07	654	2.36	712	2.07	730	0.64	780	1.79	2.31	1.39	9.46	0.09	2.18	32	75	80	TBR Bull	9011	
4715	BWF	Thorbardin Ranch	HX	6/17/04	70	388	430	1.50	474	1.57	530	2.00	550	0.71	590	1.43	1.92	1.44	8.90	0.07	2.21	29			Immatute	TBR Bull	
4762	ET	Black	Thorbardin Ranch	HX	5/1/04	70	498	490	-0.29	602	4.00	680	2.79	736	2.00	800	2.29	2.25	2.16	7.87	0.29	2.63	28	70	75	Future Direction	Dirigo Frederique (ET)
4764	ET	Black	Thorbardin Ranch	HX	4/21/04	65	436	458	0.79	538	2.86	560	0.79	680	4.29	732	1.86	2.01	2.11				26	70	75	Future Direction	Dirigo Frederique (ET)
4801	TBR Rollins	Yellow	Thorbardin Ranch	Highland	4/17/04	70	425	454	1.04	514	2.14	592	2.79	612	0.71	630	0.64	1.71	1.46	9.11	0.06	1.94	29	70	80	WY McKinlay	Slide Mtn. Lassie
4803	TBR Russell	Black	Thorbardin Ranch	Highland	3/20/04	55	413	440	0.96	484	1.57	508	0.86	540	1.14	540	0.00	1.36	0.91	9.18	0.07	1.61	24			Immatute	Slide Mtn. Lindsay
4806	TBR Ramy	Black	Thorbardin Ranch	Highland	2/26/04	60	650	700	1.79	744	1.57	825	2.89	900	2.68	920	0.71	2.19	1.93	9.17	0.14	2.40	32	80	80	Highland Bull	Comm. Highland Cow
4807	TBR Rakim	Black	Thorbardin Ranch	Highland	3/13/04	55	454	482	1.00	510	1.00	544	1.21	612	630	0.64	1.56	1.26	9.20	0.06	1.44	29			Immatute	Highland Bull	
4820	TBR Roscoe	Red	Thorbardin Ranch	Highland	5/1/04	60	427	490	2.25	502	0.43	554	1.86	550	-0.14	610	2.14	1.72	1.31	9.07	0.07	2.48	27	70	75	TBR Kognac	TBR Lavinia
4821	TBR Raitlin	Black	Thorbardin Ranch	Highland	4/30/04	70	546	566	0.71	610	1.57	612	0.07	690	2.79	742	1.86	2.08	1.40	9.19	0.08	1.40	28			Immatute	Thorbardin's Gandolf
4823	TBR Roark	Black	Thorbardin Ranch	Highland	5/1/04	70	463	476	0.46	490	0.50	556	2.36	626	2.50	660	1.21	1.86	1.41	7.71	0.08	1.65	30	80	80	TBR Joxer the Mighty	CSM Caitlin
4827	TBR Raft	Black	Thorbardin Ranch	Highland	5/2/04	60	354	397	1.54	415	0.64	489	2.64	530	1.46	540	0.36	1.53	1.33	8.52	0.08	1.46	27	80	60	TBR Joxer the Mighty	Lady Ravenna
4835	TBR Radar	Brndle	Thorbardin Ranch	Highland	5/4/04	65	430	436	0.21	488	1.86	520	1.14	540	0.71	610	2.50	1.73	1.29	9.70	0.08	2.43	28	75	80	TBR Keller ET	TBR Jeanne
4838	TBR Rider	Red	Thorbardin Ranch	Highland	5/4/04	65	446	496	1.50	542	1.84	566	0.86	586	0.71	640	2.29	1.89	1.44	9.42	0.08	2.46	28			Immatute	Thorbardin's Joe
4851	TBR Rory	Black	Thorbardin Ranch	Highland	5/7/04	65	422	436	0.50	482	1.64	494	0.43	576	2.93	632	2.00	1.81	1.50	9.47	0.09	2.60	30	80	80	Jambalaya of Hem-Loch	Double OD
4854	TBR Ramkin	Black	Thorbardin Ranch	Highland	5/7/04	70	357	389	1.14	427	1.36	447	0.71	488	1.46	490	0.07	1.40	0.95	7.02	0.06	1.72	28	75	75	Jambalaya of Hem-Loch	TBR Hannah
4855	TBR Rex	Yellow	Thorbardin Ranch	Highland	5/7/04	70	516	546	1.07	612	2.36	612	0.00	636	0.86	706	2.50	2.02	1.36	10.73	0.06	2.22	28	75	80	Anndra 2nd	

Dashboard

Background Information Bull Test Observations Bull Data Analysis Bull Analysis

Thorbardin Ranch Highland Bull Tests

Bull Test Information/Protocols

Abbreviations

- ADG - Average Daily Gain
- REA - Rib Eye Area
- DOB - Date of Birth
- BSE - Breeding Soundness Exam

Background Information

The Thorbardin Ranch conducted a series of Highland Bull tests from 2000-2004. There were 5 tests conducted.

All bulls in the tests were born in the same year of the test, arriving at the ranch in late November or early December. The test period was 112 days (4 X 28 Day Weight Check events).

The 2004/2005 test was not included in this dataset. It appears that the enthusiasm may have started to wane at this point. Most of the bulls were Thorbardin Ranch bulls, of which most if not all do not appear in the AHCA herdbook. There were a handful of other probable AHCA bulls but not enough animals to warrant the effort to include the data.

Original Data

All of the Thorbardin Ranch summaries as well as the datasheets can be found at this url: <https://web.archive.org/web/20080704070441/http://www.thorbardinranch.com/>

Data Filtering

The Thorbardin bull tests included bulls that were not Highlands. Crossbred Highland bulls appear along with other breeds brought in for various reasons.

As the spreadsheets were ingested and processed these bulls were filtered out of the dataset. However, there may be some that slipped through. None have been identified but that's a caveat to be aware of.

Image 1: Bulls charted Test Year v Age (Days Old) The 'box' plot illustrates the range of age in days for each years bull test

Image 2: Average Daily Gain Across All Years by Weight Check Milestone

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Select Category to Chart X Axis: test_yr

Select Category to Chart Y Axis: rea_cwt

Thorbardin Bull Tests

Analysis Scatter Plot

Bull Name	DOB	bull_score	birth_weight	weigh_in_date	weigh_in	pt_adg	est_205d_wt	weight1	ADG1	weight2	ADG2	weight3	ADG3	weight4	ADG4	ADG_final	ADG_final_ranking	WPDA
2 Thorbardin's Kinwood	2000-05-29	332	75	2000-12-08	473	2.06	422.3	536	2.25	604	2.43	704	3.57	804	3.57	2.96	103	2.39
3 Thorbardin's Kurse (A)	2000-05-25	171	76	2000-12-08	445	1.87	383.35	477	1.14	542	2.32	622	2.86	688	2.36	2.17	56	1.98

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Thorbardin Bull Tests

Bull tests 1 - 4 conducted 2000 - 2005

Bull Entries by Year

test_yr

Test Entry Age Observations

Bulls entered into these bull tests could generally be considered post weaning bulls. Ages range from ~200 --300 days old.

Data is charted by Test Year v Days Old

Bulls Starting Age

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Select Bull of Interest: Anndra 2nd of Highfield

Anndra 2nd of Highfield

Bull Name	DOB	bull_score	birth_weight	weigh_in_date	weigh_in	pt_adg	est_205d_wt	weight1	ADG1	weight2	ADG2	weight3	ADG3	weight4	ADG4	ADG_final	ADG_final_ranking	WPDA
105 Anndra 2nd of Highfield	2001-02-05	291	68	2001-12-12	618	1.77	362.85	648	1.07	720	2.57	824	3.71	886	2.21	2.39	77	1.94

Age Comparison:

Anndra 2nd of Highfield v Peers (Age in Days)

Legend: Anndra 2nd of Highfield (blue dot), Peer Age in Days (blue box)

Show Weight / ADG - Results / Comparisons

