

## Top 200 TPI Bulls April 2023

(Semen status is Active and Foreign with a minimum of 80% traditional US reliability OR 85% genomic reliability for production and type)

HOLSTEIN ASSOCIATION USA, INC 2023

Rank	Name		% RHA	NAAB	PRODUCTION					HEALTH					CONFORMATION					TPI	
					Pro	Fat	MILK	FE	%R	SCS	PL	%R	LIV	FI	PTAT	%R	UDC	FLC	BWC		
1	GENOSOURCE CAPTAIN-ET	TR TC	99	I	551HO04119	78	136	2238	371	96	3.00	5.0	85	0.5	1.0	1.46	95	1.64	1.06	-1.96	3243
2	MR T-SPRUCE FRAZZ LIONEL-ET	TR TP	98	I	7HO14454	102	159	3588	444	99	2.82	3.5	95	-1.7	-2.6	0.69	98	0.83	-0.76	-0.72	3169
3	SIEMERS RENGD PERFECT-ET	TR TP	99	I	7HO15085	58	93	1030	229	93	2.95	4.6	82	1.1	0.8	2.71	87	2.33	2.27	1.16	3066
4	ST GEN R-HAZE RAPID-ET	TC TY	100	NA	551HO03591	71	102	1925	281	99	3.04	3.1	92	0.4	-1.1	2.37	99	2.13	1.35	1.22	3027
5	DE-SU FRAZZ TAHITI 14104-ET	TR TP	99	I	7HO14229	75	111	2249	343	99	2.98	4.6	94	0.9	0.8	0.81	99	0.96	-1.33	-1.70	3008
6	SILVERRIDGE V EINSTEIN-ET	TR TP	99	I	200HO11586	59	104	1185	239	98	2.65	4.9	88	0.2	0.7	1.31	97	1.86	-0.23	0.93	2996
7	CO-OP DUKE ENDEAVOR-ET	TR TP	99	I	1HO14018	74	122	1342	322	99	2.92	2.1	89	-1.9	-0.1	1.08	95	1.07	-0.18	-0.09	2986
8	MR RI-VAL-RE FREE BILLY-ET	TR TC	99	I	29HO18906	80	158	1508	428	99	3.10	2.9	90	2.1	-2.1	-0.89	96	-0.42	-0.32	-1.94	2982
9	TTM ACHIEVER EMERGE-ET	TR TC	99	NA	29HO18852	50	145	1427	326	98	2.92	2.7	88	1.7	-0.8	0.61	92	0.60	0.79	-0.78	2980
10	HURTGENLEA RICHARD CHARL-ET	TR TC	99	I	551HO03529	59	115	1980	297	99	2.86	4.3	92	0.6	0.8	0.86	98	0.81	0.10	-1.19	2968
11	PENN-ENGLAND BARCLAY-ET	TR TP	99	I	7HO14804	58	116	1460	297	99	2.96	3.2	89	0.4	-0.6	1.55	94	1.64	0.51	-1.12	2968
12	CLAYNOOK ZASBERILLA-ET	TR TP	100	NA	777HO11668	72	114	1339	287	96	2.87	0.8	87	-2.7	-1.7	2.24	95	2.62	-0.41	0.70	2967
13	FLY-HIGHER MOONSHINER-ET	TR TP	99	I	14HO15201	59	80	1591	273	91	2.75	5.4	82	-0.3	1.5	1.57	87	1.91	-0.75	-1.76	2952
14	DENOVO 14744 GINETTA-ET	TR TC	99	I	29HO18957	67	107	1337	293	98	2.82	4.7	89	1.3	0.8	0.70	91	0.26	-0.43	0.10	2951
15	PINE-TREE-I PURSUIT-ET	TR TP	99	I	777HO11186	61	75	1544	248	99	2.84	7.2	90	1.3	0.3	1.61	98	1.23	1.24	0.57	2949
16	BGP YOLO-ET	TR TP	100	NA	734HO00091	41	106	982	246	99	2.84	3.0	93	1.5	0.0	1.80	97	2.55	0.95	-0.29	2945
17	OCD HELIX ALPHABET-ET	TR TP	100	NA	7HO14320	69	106	2681	297	99	2.97	3.4	90	-2.1	-0.6	1.62	97	1.59	0.01	-0.62	2941
18	DELICIOUS H-NOON TAMPA-ET	TR TC	99	I	551HO03797	69	64	1919	254	99	2.95	7.0	89	3.2	2.5	0.53	98	1.01	0.97	-1.07	2940
19	MCNALLAN MATTERS ELWOOD-ET	TR TP	99	I	1HO13878	59	128	1215	320	99	2.86	2.8	90	0.0	-0.3	0.67	95	0.30	0.54	-0.32	2940
20	DENOVO 2705 VENTURE-ET	TR TC	99	I	29HO18870	46	131	1053	326	99	2.62	4.9	90	2.2	-0.3	-0.31	95	0.59	-0.16	-1.64	2938
21	S-S-I PR RENEGADE-ET	TR TP	99	I	250HO14134	54	88	798	215	99	2.96	3.4	90	0.0	1.1	2.04	98	1.68	2.07	1.22	2938
22	SANDY-VALLEY R CONWAY-ET	TR TP	99	I	14HO15223	49	99	475	246	95	2.92	3.8	83	0.8	0.7	1.80	88	1.53	1.51	0.08	2938
23	BLUMENFELD MYLES ARKHAM-ET	TR TP	99	I	1HO13802	71	92	1888	264	99	2.82	4.5	91	0.7	-0.2	0.70	91	1.45	0.25	-0.12	2933
24	GENOSOURCE GUZMAN-ET	TR TC	99	I	551HO03799	75	94	1934	288	98	2.87	4.7	89	0.8	0.3	0.25	96	0.50	0.77	0.58	2931
25	S-S-I DEANO JAMARCO-ET	TR TP	99	I	7HO14545	74	134	1783	325	97	2.86	3.0	89	0.2	-4.0	1.71	93	1.16	0.08	-0.16	2921
26	S-S-I BG FESTIVS SERTOLI-ET	TR TP	99	I	14HO14629	54	85	1336	214	96	2.75	3.5	86	0.4	1.7	1.32	91	1.72	0.60	1.19	2915
27	CHERRY-LILY ZIP LUSTER-P-ET	TR PC	99	I	7HO14160	50	82	1600	227	99	2.75	2.9	96	-0.5	-0.1	2.83	99	2.22	1.70	-0.22	2913
28	PEAK ALTAZAZZLE-ET	TR TP	99	I	11HO15036	51	105	940	255	94	2.83	4.5	83	2.0	-0.6	1.28	89	1.71	-0.12	-0.50	2912
29	FARNEAR MIAMI-ET	TR TC	99	I	551HO03970	54	77	1319	249	98	2.77	5.3	87	1.7	0.6	1.67	93	1.79	0.18	-0.48	2908
30	DENOVO 2981 SHELDON-ET	TR TC	99	I	29HO19194	47	100	1298	264	93	2.94	4.8	84	1.9	0.7	1.07	87	1.06	0.84	-1.49	2905
31	T-SPRUCE NUGNT GRANADA-ET	TR TP	99	I	7HO15097	62	99	2146	283	92	2.81	4.6	80	1.4	-0.4	0.81	85	1.04	-0.01	-0.48	2905
32	LEANINGHOUSE TAOS-ET	TR TP	99	I	7HO15112	54	67	1060	172	94	2.78	5.7	83	1.2	2.2	1.65	90	1.57	0.99	1.52	2904
33	OCD LEGENDARY COFFEE-ET	TR TP	99	I	250HO14310	47	99	821	225	99	2.76	4.6	94	2.1	-0.4	1.78	98	1.51	1.12	1.00	2902
34	PINE-TREE AGENCY-ET	TR TC	99	I	29HO18963	69	108	1869	316	98	2.88	4.4	89	1.4	-1.1	0.23	92	0.60	0.02	-0.95	2902
35	PEAK ALTAKLAEB0-ET	TR TP	99	I	11HO12323	60	83	988	241	99	2.75	5.1	90	1.3	2.0	0.89	93	0.97	-1.45	0.07	2896

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					Pro	Fat	MILK	FE	%R	SCS	PL	%R	LIV	FI	PTAT	%R	UDC	FLC	BWC	TPI	
36	PINE-TREE-I PICTOGRAPH-ET	TR TP	99	I	200HO11285	66	73	1551	240	93	2.64	6.4	83	2.4	1.7	0.52	87	0.54	-0.36	-0.38	2895
37	CO-OP BV TYLER MADBOY-ET	TR TP	99	I	1HO14139	67	70	1898	240	94	2.80	6.9	85	3.6	-0.3	0.57	87	1.60	-0.34	-0.69	2879
38	SILVERRIDGE V TIMBERLAKE-ET	TR TP	99	I	777HO11288	74	70	2524	268	99	2.86	4.9	89	0.5	-0.9	0.83	97	2.51	-0.80	-0.68	2879
39	LARS-ACRES CC FINISHLINE-ET	TR TP	99	I	7HO14705	51	100	1280	253	93	2.81	4.2	84	0.0	0.1	1.19	89	1.47	0.39	-0.81	2870
40	PINE-TREE ACHIE KORBEL-ET	TR TP	99	I	1HO13879	70	98	2075	319	99	2.71	5.2	89	1.3	-1.9	0.37	91	0.40	-0.19	-2.11	2865
41	STGEN DEDICATE HEIR-ET	TR TC	99	I	551HO03849	43	82	474	242	96	2.74	6.9	82	4.7	2.2	0.08	88	0.73	-0.10	-2.60	2864
42	WESTCOAST ICEBREAKER-ET	TR TP	100	NA	200HO11380	65	96	1483	297	95	2.96	4.1	86	-0.5	1.2	0.13	86	0.61	-1.04	-2.14	2864
43	REGAN-DANHOF COPYRIGHT-ET	TR TP	99	I	200HO11607	64	84	2290	246	98	2.91	3.7	89	-0.8	-1.2	1.67	96	2.14	0.07	0.56	2861
44	BLUMENFELD IMPERIAL-ET	TR TP	99	I	200HO11398	71	107	2333	302	98	3.05	3.4	89	-0.4	-2.1	1.11	96	0.83	0.56	0.62	2859
45	KINGS-RANSOM BIG DOLLARS-ET	TR TP	99	I	7HO14436	71	83	2912	277	99	2.62	6.4	89	3.0	-2.1	0.32	96	1.03	-1.02	-1.19	2858
46	PINE-TREE TORTUGA-ET	TR TC	99	I	29HO18711	51	97	786	256	97	2.89	4.2	90	2.9	0.9	0.67	92	0.73	0.39	-1.50	2855
47	WELCOME GODDARD 3571-ET	TR TP	99	I	7HO14438	66	101	1859	278	99	2.74	5.5	92	1.2	0.3	-0.48	94	-0.37	0.00	-0.89	2848
48	MR WINGS NORTON-ET	TR TC	99	I	551HO03713	76	72	1884	292	99	2.83	4.0	91	1.0	-0.9	0.49	96	0.85	0.63	-1.55	2843
49	DEXPRO MOJO-ET	TR TC	99	I	29HO18987	57	68	926	178	96	2.60	5.0	88	2.1	1.2	1.31	92	0.97	0.51	1.79	2842
50	WESTCOAST ALCOVE	TR TP	99	I	777HO11000	69	118	1853	283	99	3.04	0.3	95	-3.0	-1.5	1.33	98	1.19	0.16	0.94	2842
51	PINE-TREE JURASSIC-ET	TR TC	99	I	29HO19099	60	123	947	312	92	2.69	3.2	83	0.5	-3.7	0.60	86	0.70	0.08	-1.02	2840
52	PEAK MATCHUP-ET	TR TP	99	I	97HO42013	65	88	2072	249	98	2.87	5.0	89	2.4	0.2	0.26	95	0.63	-0.99	-0.23	2830
53	TJR NOBLE IRVINE-ET	TR CD	99	I	551HO03788	55	60	1672	232	99	2.91	4.1	89	1.3	2.3	0.98	87	2.01	-0.90	-0.79	2830
54	SANDY-VALLEY EISAKU-ET	TR TP	99	I	7HO14364	49	84	1312	236	99	3.08	4.1	90	1.5	0.4	1.85	98	0.93	0.86	0.06	2828
55	DE-SU 14077 TORONTO-ET	TR TC	99	I	29HO18705	61	108	1449	264	94	2.79	3.0	86	1.9	-1.8	1.02	89	0.10	0.58	0.45	2823
56	WOODCREST KING DOC	TR TP	99	I	250HO12961	55	70	1580	179	99	3.11	3.9	99	0.2	-1.0	3.23	99	2.13	1.97	0.84	2823
57	BLUMENFELD GDANC RORY-ET	TR TP	100	NA	1HO12964	69	116	1828	322	99	2.92	2.9	94	2.1	-3.3	0.55	95	0.62	-0.75	-0.91	2819
58	PEAK ALTAINDIGO-ET	TR TP	98	I	11HO12328	65	98	1665	273	97	2.94	3.0	90	1.3	-2.3	1.08	88	1.27	-0.03	0.59	2819
59	WILRA BURNETT-ET	TR TC	99	I	29HO18731	38	126	277	250	97	3.00	1.7	89	1.8	-1.8	1.65	90	1.17	0.89	0.16	2818
60	WINSTAR ANISTON-ET	TR TC	99	I	29HO19079	41	121	768	300	96	2.76	4.3	88	1.1	-1.1	0.09	91	0.69	-0.25	-1.50	2815
61	WESTCOAST RIVER-ET	TR TP	100	NA	200HO11385	41	72	662	182	97	2.48	6.1	88	1.2	2.2	0.96	93	0.89	-0.65	-0.26	2814
62	MATCREST DEWEY-ET	TR TC	99	I	29HO18755	49	86	1120	241	98	3.03	5.3	91	3.7	-0.3	0.95	94	0.79	1.11	-0.96	2812
63	SANDY-VALLEY CHALLENGER-ET	TR TP	99	I	777HO11028	33	76	632	170	99	2.68	3.8	92	1.5	0.9	1.71	98	2.68	0.19	-0.35	2812
64	ENGLAND-AMMON BANJO-P-ET	TR PC	99	I	7HO14694	54	74	956	191	96	2.92	1.4	87	-1.4	1.9	1.39	93	1.50	0.91	1.63	2811
65	MAPLEHURST DELROY TORRO-ET	TR TP	99	I	1HO14127	57	89	1446	272	92	2.89	4.2	84	-0.1	-0.6	0.68	88	1.53	-0.36	-2.08	2811
66	DENOVO 8084 ENTITY-ET	TR TC	99	I	29HO18858	49	109	1110	268	99	2.91	3.2	90	3.1	-1.1	0.63	95	0.62	0.78	-0.19	2810
67	MR SUPERHERO DEDICATE-ET	TR TC	99	I	551HO03590	47	76	863	227	99	2.83	5.3	89	2.7	1.5	0.75	97	1.14	-0.33	-1.21	2810
68	RUANN MYSTIC-84306-ET	TR TP	99	I	7HO15100	51	59	1452	194	89	2.97	5.1	81	0.6	1.8	0.99	86	1.70	0.47	-0.75	2808
69	DENOVO 14604 COMBO-ET	TR TC	99	I	29HO18895	72	92	1857	266	92	2.84	4.8	86	-0.2	-1.4	0.83	88	0.40	-0.36	0.41	2807
70	DENOVO 7895 MENTOR-ET	TR TC	99	I	29HO18775	65	57	1903	208	93	2.67	4.6	85	1.0	0.9	1.05	89	1.48	-0.03	0.03	2807

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71	WELCOME SILVER GRIFF-ET	TR TP	100	NA	14HO07796	58	107	983	264	99	3.12	2.3	97	-0.3	0.5	0.85	97	0.51	0.14	-0.48	2807
72	DENOVO 14400 ADVANCE-ET	TR TC	99	I	29HO18783	45	107	721	307	99	2.62	5.7	88	4.3	-1.3	-0.55	89	-0.16	-0.20	-2.64	2806
73	BOMAZ MONTREAL-ET	TR TC	99	I	29HO18984	51	132	428	297	99	3.08	2.4	90	0.8	-1.1	0.13	91	0.16	0.07	-0.76	2804
74	MR EDG NOBLE IMPERIAL-ET	TC TY	99	I	551HO03812	35	49	382	171	98	2.63	6.7	87	2.5	3.3	0.97	88	1.95	-0.43	-0.83	2804
75	BOMAZ FASTBALL-ET	TR TP	99	I	200HO11505	49	70	2002	225	96	2.84	5.8	88	0.9	0.3	0.97	93	1.57	0.78	-0.99	2803
76	LARS-ACRES S-S-I STANNIS-ET	TR TP	99	I	7HO14951	56	67	1092	221	93	2.81	5.0	81	1.6	0.4	0.71	91	1.43	0.58	-0.45	2803
77	FARNEAR DELTA-LAMBDA-ET	TR TP	100	NA	551HO03379	46	48	1238	167	99	2.77	4.8	97	0.4	0.5	2.66	99	2.87	0.83	0.10	2801
78	DELICIOUS HN METZ-ET	TC TY	99	I	551HO03834	43	48	495	179	92	2.86	6.9	82	3.3	3.7	0.99	87	1.18	0.20	-0.61	2800
79	DENOVO 14756 AUBURN-ET	TR TC	99	I	29HO18956	45	110	754	269	96	2.87	2.9	88	1.8	0.2	0.28	88	0.72	-0.57	-0.34	2800
80	DENOVO 14854 SLINGER-ET	TR TC	99	I	29HO18979	70	70	2082	243	98	2.78	6.7	89	3.1	1.9	-0.49	92	-0.18	-1.44	-0.93	2800
81	MR MONSTER-ET	TR TP	99	I	734HO00082	84	69	2770	251	98	2.68	2.8	92	0.0	-1.2	1.05	90	0.93	-0.74	1.23	2800
82	AURORA ALTAANTONIO-ET	TR TP	99	I	11HO12083	58	81	976	236	98	2.77	3.7	94	1.3	-0.5	1.24	96	0.91	0.83	0.21	2799
83	BPS PANTHER FOXCATCHER-ET	TR TP	99	I	7HO14578	53	66	1244	200	99	2.76	5.5	88	1.5	2.0	0.40	93	0.66	0.05	-0.37	2798
84	MAPLEHURST ALBATROSS-ET	TR TC	99	I	29HO18876	40	103	884	245	98	2.92	4.7	89	4.1	0.2	0.58	90	0.37	0.50	-1.05	2795
85	AOT BLOWTORCH HEALER-ET	TR TP	99	I	1HO13458	69	126	1332	307	99	2.86	0.3	92	-1.9	-2.5	0.79	91	0.59	-1.00	0.08	2794
86	C-HAVEN HARLOW-ET	TR TP	99	NA	14HO14587	34	100	1143	242	99	2.79	4.6	90	3.5	-1.8	0.84	93	1.40	0.93	-1.56	2794
87	PEAK ALTAINGOLD-ET	TR TP	99	I	11HO12158	63	64	1548	232	96	2.94	-0.1	89	-4.5	0.8	1.83	89	1.64	1.52	-0.91	2794
88	MR SPRING NIGHTCAP 74636-ET	TC TY	99	I	551HO03369	54	78	1356	254	99	2.84	3.4	96	0.8	0.2	0.88	98	1.73	-1.01	-0.70	2793
89	PEAK ALTAALTUVE-ET	RC TP	99	I	11HO12155	67	80	1851	237	97	2.77	3.7	90	-0.9	-2.0	1.80	95	0.73	0.84	0.41	2792
90	ABS ACHIEVER-ET	TC TY	99	NA	29HO18296	27	118	74	268	99	2.67	4.3	99	3.5	-1.5	0.14	99	0.92	0.42	-1.65	2791
91	PEAK ALTAZAREK-ET	TR TP	99	I	11HO12219	55	88	1467	236	99	2.89	4.8	93	1.1	-1.3	0.81	96	0.97	0.98	-0.67	2789
92	AARDEMA MAPQUEST-ET	TR TP	98	I	1HO13818	43	90	1465	242	99	2.73	5.5	92	1.7	0.9	0.10	90	0.66	-0.34	-0.36	2787
93	S-S-I DOC ALUM	TR TP	99	I	7HO14608	49	85	1021	207	92	3.08	4.0	83	1.1	0.7	1.62	90	0.94	0.48	0.56	2787
94	SCHREUR SHIMMER-ET	RC TC	100	NA	29HO17442	53	45	2021	171	96	2.73	5.7	87	1.6	-0.8	2.14	95	1.91	1.76	0.23	2787
95	AURORA MITCHELL-ET	TY TV	100	NA	515HO00318	40	71	792	168	97	2.68	2.6	90	0.6	1.4	2.34	95	1.59	0.72	0.86	2786
96	BOMAZ MONUMENT-P-ET	TR PC	99	I	29HO19071	40	97	298	235	96	2.73	4.9	87	3.9	0.1	0.30	89	0.66	-0.26	-0.30	2784
97	DENOVO 7921 ATRIUM-ET	TR TC	99	NA	29HO18772	33	100	386	250	98	2.77	4.8	89	2.6	1.5	-0.29	89	0.37	0.19	-2.00	2784
98	FAIRMONT MEDLEY RADLEY	TR TC	99	I	29HO19049	69	67	1698	216	92	2.94	4.0	84	1.6	-1.0	1.04	89	1.10	0.76	0.34	2784
99	PROGENESIS POSITIVE	TR TP	100	NA	200HO10955	53	118	1080	273	99	3.03	0.9	94	-2.1	-2.8	1.44	99	1.99	0.04	-0.53	2784
100	TAG-LANE ELEMENT	TR TC	99	I	29HO18795	32	105	261	221	98	2.86	4.7	92	3.6	0.9	0.39	91	0.32	0.33	-0.20	2784
101	PEAK LUKAKU-ET	TR TP	99	I	97HO42106	39	84	1204	208	98	2.85	5.4	89	3.7	-0.6	1.20	93	1.11	1.24	-0.33	2782
102	SANDY-VALLEY CREAMER-ET	TR TC	99	NA	29HO19017	27	105	371	224	98	2.66	2.6	89	1.1	-1.5	1.13	94	2.07	1.20	-0.46	2782
103	RMD-DOTTERER SSI MAXIMUS-ET	TR TP	99	I	7HO14859	45	79	1114	239	98	2.98	4.7	88	1.4	-0.2	0.79	95	2.06	0.05	-2.31	2781
104	S-S-I BG FRZZLD RIVETING-ET	TR TP	99	I	14HO14220	38	51	724	164	99	2.59	6.7	94	3.4	1.9	0.64	99	1.43	0.10	-0.62	2773
105	STGEN IDEALIST-ET	TC TY	98	I	551HO03845	52	82	1431	236	91	2.91	4.0	81	1.4	0.6	0.43	85	0.86	0.17	-1.25	2771

## Top 200 TPI Bulls April 2023

(Semen status is Active and Foreign with a minimum of 80% traditional US reliability OR 85% genomic reliability for production and type)

HOLSTEIN ASSOCIATION USA, INC 2023

Rank	Name		% RHA	NAAB	PRODUCTION					HEALTH					CONFORMATION					TPI	
					Pro	Fat	MILK	FE	%R	SCS	PL	%R	LIV	FI	PTAT	%R	UDC	FLC	BWC		
106	PROGENESIS MAESTRO-ET	TR TP	99	I	200HO11330	51	70	1033	200	99	2.76	4.8	89	1.3	-0.8	1.31	98	1.25	0.86	1.30	2768
107	AOT SILVER HELIX-ET	TR TP	100	NA	14HO07770	64	116	1812	294	99	3.03	0.6	99	-6.4	-1.8	1.18	99	0.85	-0.07	0.18	2767
108	GENOSOURCE WORTH THERISK-ET		99	I	551HO03983	44	91	1282	293	97	2.95	4.5	85	4.2	-0.3	0.21	90	1.00	-0.92	-3.74	2767
109	PEAK LIFEFORCE-ET	TR TP	99	I	1HO15184	56	77	951	238	96	2.91	3.8	86	1.2	-0.9	0.72	85	1.46	0.09	-1.58	2766
110	PEAK ALTAGOPRO-ET	TR TP	100	NA	11HO12124	80	84	2834	262	99	2.83	2.2	93	-2.2	-2.0	1.40	97	0.77	-1.33	1.35	2765
111	PEAK ALTAMGM-ET	TR TP	99	I	11HO12374	55	78	1445	241	96	2.89	5.8	87	2.6	1.1	0.19	86	0.26	-0.40	0.37	2765
112	KINGS-RANSOM I DEGREE-ET	TC TY	99	I	551HO03818	56	73	1459	230	90	3.06	3.0	81	-1.1	-2.1	2.61	85	2.10	1.34	0.50	2762
113	ST GEN DW MACLEOD-ET	TC TY	99	I	551HO03741	41	89	1169	240	98	2.72	4.1	89	1.8	0.0	0.84	87	0.77	-0.26	-1.15	2762
114	DENOVO 14444 FORTUNE-ET	TR TC	99	NA	29HO18834	39	73	1304	230	95	2.59	5.1	85	4.0	-0.3	0.36	89	1.34	0.32	-2.12	2761
115	COOKIECUTTER HIGHLITE-ET	TR TP	99	I	14HO14690	46	84	1329	228	96	2.74	3.0	88	-0.2	0.0	1.46	92	1.35	-0.55	-0.26	2756
116	SIEMERS FRAZZ BUZZARD-ET	TR TP	99	I	1HO13813	48	83	1168	212	99	2.86	3.5	92	1.1	-0.1	0.92	93	1.69	-0.66	-0.11	2756
117	PROGENESIS POPSTAR-ET	TR TP	99	I	200HO11196	50	76	1426	212	99	2.94	4.3	88	-0.1	0.2	1.12	95	1.58	0.11	0.74	2755
118	DE-SU 13798 OXFORD-ET	TR TC	99	I	29HO18554	69	77	1712	241	98	2.92	2.5	94	1.0	-0.9	0.81	94	0.94	0.20	0.27	2754
119	PEAK ALTAFLASHBACK-ET	TR TP	99	I	11HO15202	44	72	252	154	91	2.73	3.0	82	-0.3	0.0	1.86	85	1.97	0.41	1.61	2753
120	PEAK ALTAABBA-ET	TR TP	99	I	11HO12264	47	76	1628	195	98	2.77	3.1	90	0.9	0.5	1.21	94	0.95	0.49	0.92	2752
121	BLUMENFELD FRAZLD BRASS-ET	TR TP	99	I	7HO14158	37	71	1155	189	99	2.58	4.6	92	0.9	-1.3	1.75	98	1.79	0.53	-0.06	2749
122	S-S-I ZEB ZACHERY-ET	TR TP	99	I	7HO14846	51	57	1083	189	95	2.66	4.9	84	2.8	0.3	0.85	94	1.30	-0.25	0.05	2749
123	STGEN CHARL LUMINA-ET	TR TC	99	I	551HO03873	36	59	844	164	96	2.73	6.7	86	4.1	3.1	0.50	91	0.72	-0.74	-0.88	2747
124	EDG DELTA-CHANCE-ET	TC TY	99	I	551HO03360	40	73	1022	200	99	3.02	3.7	96	1.8	1.8	1.23	90	1.46	-0.22	-0.92	2743
125	PEAK ALTADDINSE-ET	TR TP	99	I	11HO15177	52	73	1239	207	93	2.82	3.9	83	0.4	-0.3	1.26	86	1.23	-0.27	0.70	2743
126	HOOGERHORST DG OH RUBELS-RED	TC TY	100	NA	29HO17459	49	72	1045	208	95	2.78	3.2	89	2.5	-2.0	2.09	94	1.57	1.15	-0.08	2741
127	DE-SU MILLINGTON 12074-ET	TR TP	99	I	7HO12421	45	97	1141	251	99	2.70	2.1	99	-2.0	-0.9	0.87	98	0.97	0.36	-0.54	2739
128	MR SUPERHERO NOLAN-ET	TR TC	99	I	551HO03665	52	45	1561	191	99	2.79	5.6	92	2.9	1.8	0.62	94	1.05	0.09	-1.35	2738
129	PEAK ALTAORINOCO-ET	TR TP	99	I	11HO12316	58	72	1085	229	99	3.02	3.8	89	0.4	0.4	0.88	88	0.70	0.51	-0.50	2737
130	ABS JERONIMO-P-ET	TR PC	99	I	29HO18698	25	81	-451	185	97	2.59	3.7	88	1.5	2.1	1.02	91	1.04	-0.25	0.00	2735
131	FARNEAR-TBR-BH FARLO-ET	TR TC	100	NA	551HO03476	45	90	1179	260	99	3.07	5.8	97	3.3	-0.1	0.24	95	0.57	-0.14	-2.47	2735
132	S-S-I MILLINGTON TOTEM-ET	TR TP	99	I	250HO13531	34	76	657	188	94	2.66	2.5	88	-0.2	-0.1	1.85	89	1.87	0.78	-0.06	2735
133	N-SPRINGHOPE MAVERICK-ET	TR TC	99	I	29HO19125	64	82	1312	254	97	2.92	5.3	88	2.7	-1.0	-0.31	92	-0.06	-0.06	-0.98	2734
134	PEAK LANGLEY-ET	TR TP	100	NA	97HO42071	64	112	1620	296	99	3.18	-0.3	93	-4.3	-3.2	1.45	96	1.18	0.09	0.35	2731
135	LARS-ACRES SSI EVERSON-ET	TR TP	99	I	14HO14794	51	70	1390	206	91	2.77	4.3	82	1.2	-1.2	0.86	88	1.46	0.31	0.00	2728
136	MATCREST ALTAACER-ET	TR TP	99	I	11HO12407	44	90	1234	248	97	2.87	4.8	89	4.3	-0.8	-0.12	90	0.42	0.26	-1.54	2727
137	MR SPRING NIGHTHAWK-ET	TR TC	99	I	551HO03442	52	75	1541	240	99	2.75	3.3	96	0.6	-1.8	1.23	98	2.02	-0.51	-0.17	2724
138	SANDY-VALLEY COPYCAT-TW-ET	TR TP	99	I	7HO12974	46	82	1209	191	99	2.71	2.8	97	-2.3	-0.3	1.35	98	1.42	0.22	1.42	2722
139	SIEMERS DOC HANCOCK	TR TP	99	I	250HO14579	38	49	1056	146	99	2.86	2.8	91	-3.0	-1.3	3.59	98	3.42	2.32	-0.42	2722
140	LADYS-MANOR BND SEAGLASS-ET	TR TP	100	NA	100HO11968	47	64	1192	183	98	2.80	3.5	91	0.8	-0.7	1.34	93	1.95	0.78	0.03	2721

## Top 200 TPI Bulls April 2023

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HOLSTEIN ASSOCIATION USA, INC 2023

Rank	Name		% RHA	NAAB	PRODUCTION					HEALTH					CONFORMATION					TPI	
					Pro	Fat	MILK	FE	%R	SCS	PL	%R	LIV	FI	PTAT	%R	UDC	FLC	BWC		
141	DELICIOUS DJOLT TULSA-ET	TR TC	99	I	551HO03808	30	57	559	152	95	2.66	6.3	84	3.6	0.8	1.16	85	1.66	0.30	-0.53	2720
142	MR RUBICON CASHIN-ET	TC TY	100	NA	551HO03449	50	86	1644	262	99	2.87	2.9	94	0.4	-1.8	0.83	91	1.67	-0.08	-1.24	2720
143	DENOVO 14242 KOKOMO-ET	TR TC	99	I	29HO18747	39	51	1311	144	98	2.73	4.6	92	0.6	1.6	1.60	96	1.46	0.92	0.58	2718
144	DENOVO 14420 PROFOUND-ET	TR TC	99	I	29HO18839	50	51	1327	165	94	2.57	5.2	84	-0.3	-0.4	1.34	92	1.66	0.19	0.26	2717
145	BOMAZ ALTATOPSHOT-ET	TR TP	99	I	11HO11779	62	85	1444	214	99	2.80	5.2	99	1.8	-0.3	-0.30	98	0.02	-1.08	0.29	2715
146	PEAK LIGERO-ET	TY TV	96	NA	97HO41744	45	81	1343	228	98	2.84	3.7	94	2.2	-0.2	0.44	95	0.37	0.61	-0.65	2714
147	LARCREST CONTRAIRE-ET	TR TP	99	I	566HO01310	54	81	1283	227	93	2.94	-0.1	83	-1.6	-0.8	1.21	88	1.17	1.18	0.23	2712
148	MR RUBICON DYNAMO-ET	TR TC	100	NA	551HO03416	52	61	1696	198	99	2.77	5.0	99	2.7	-1.8	1.16	99	1.63	0.68	0.23	2711
149	DELICIOUS DYNASTY SAHAB	TC TY	99	I	551HO03770	60	80	1661	249	95	2.81	4.7	84	0.4	-1.4	0.41	90	0.82	-0.50	0.00	2710
150	LEANINGHOUSE KINGSTON-ET	TR TP	99	I	566HO01301	47	90	223	203	93	2.72	3.0	83	1.6	-1.6	1.25	85	1.05	0.11	0.38	2710
151	PEAK ALTAFLADON-ET	TR TP	99	I	11HO12237	75	71	1993	232	98	3.02	3.5	90	0.1	-0.8	0.70	87	0.57	-0.94	0.52	2709
152	LADYS-MANOR BAND SEASAW-ET	TR TP	100	NA	566HO01293	34	51	658	136	95	2.60	5.6	87	3.9	1.9	0.59	90	1.17	0.83	0.39	2706
153	SAN-DAN NOBLE STOCKTON-ET	TC TY	99	I	551HO03793	40	73	1376	203	99	2.69	2.9	89	1.0	-0.5	1.32	86	1.72	-0.22	0.52	2706
154	SWISSLANE STGEN FRZLED YOGI	TR TC	96	I	551HO03715	64	76	2395	268	99	2.87	4.4	89	0.9	-1.6	0.32	97	0.81	-0.80	-1.89	2703
155	PARKHURST SAMARITAN-ET	TR TC	99	I	29HO18691	43	87	599	193	98	2.92	2.2	93	-0.5	0.1	1.21	96	0.70	0.56	-0.26	2701
156	PINE-TREE CW LEGACY-ET	TR TP	99	I	7HO14250	23	59	6	146	99	2.51	7.3	92	3.9	2.1	0.37	99	1.37	-0.72	-0.98	2701
157	RUANN GENRE-70507	TR TC	99	I	100HO12046	57	98	1206	234	96	2.92	1.2	85	-5.0	-1.4	1.84	87	0.39	0.23	0.58	2701
158	BLONDIN CHILI-ETS	TC TY	99	I	522HO03680	47	81	802	215	93	2.84	-0.7	83	-3.9	-1.3	1.71	85	1.70	1.50	-0.06	2699
159	RUANN DELTA FORCE-70721	TC TY	99	I	100HO12048	45	71	1339	188	95	3.00	3.0	85	0.7	0.3	1.15	85	1.34	0.70	0.98	2699
160	PEAK LEXELL-ET	TR TP	99	I	734HO00088	49	44	1173	151	93	2.82	2.9	84	-0.2	0.4	1.83	86	2.04	0.67	0.55	2698
161	PEAK ALTASTAFFORD-ET	TR TP	99	I	11HO12258	65	88	1579	281	97	2.97	2.3	88	0.2	-1.5	0.36	93	-0.22	0.16	-1.07	2697
162	SANDY-VALLEY MEGABUCKS-ET	TR TP	99	I	7HO14837	55	52	1159	192	93	2.96	4.4	84	1.9	0.3	0.98	87	1.07	0.30	0.50	2697
163	SIEMERS CHARLEY MERRYGUY-ET	TR TC	99	I	551HO03530	69	75	2567	269	99	2.89	3.1	94	-1.1	-2.1	0.60	98	0.54	-0.20	-1.97	2697
164	ST GEN RUBICON JONES-ET	TC TY	99	I	551HO03663	28	118	185	221	99	2.85	2.6	92	1.6	-1.4	1.30	96	0.20	0.17	1.64	2697
165	PEAK FSCNTR ULMER-ET	TR TP	99	I	14HO14893	51	92	1029	228	95	2.82	3.0	83	1.0	-0.4	0.21	87	0.43	-1.02	-0.04	2694
166	MR DYNASTY NASHVILLE-ET	TR TC	99	I	551HO03600	56	71	1250	247	99	2.95	4.8	90	1.6	-0.2	-0.01	98	-0.34	1.63	-0.88	2693
167	OCD ALTASWAG-ET	TR TP	100	NA	11HO11963	51	95	1086	223	99	3.07	0.8	96	-0.5	-0.6	0.98	95	0.63	0.46	0.50	2693
168	FULLTHROTTLE REASONS-ET	TR TP	99	I	566HO01291	34	73	580	193	97	2.83	4.1	89	3.5	-0.4	0.72	89	1.44	0.73	-0.76	2692
169	PINE-TREE ADVISOR-ET	TR TC	99	NA	29HO18812	41	103	460	243	99	2.86	3.5	90	3.5	-1.5	-0.01	91	0.34	0.18	-0.63	2692
170	MR FARNEAR HELIX TWITCH-ET	TC TY	100	NA	551HO03714	32	92	793	209	99	2.77	2.3	90	-3.5	-0.2	1.27	98	1.83	-0.50	-0.53	2690
171	SALVO RDC-ET	RC TC	99	I	202HO01723	24	55	658	132	94	2.61	5.5	87	1.5	1.7	1.31	91	1.36	0.50	0.18	2690
172	HILMAR C ROCKFORD-ET	TR TC	99	I	551HO03684	42	82	1180	223	99	2.78	3.9	94	1.2	2.3	-0.34	95	-1.01	0.22	-1.62	2688
173	PROGENESIS ALTAPLEDGE-ET	TR TP	99	I	11HO12384	52	66	820	198	97	2.79	4.7	88	1.3	1.6	0.12	90	0.01	-0.94	-0.29	2687
174	ST GEN NOBLE ABBOTSFORD-ET	TC TY	99	I	551HO03753	43	63	1072	200	97	3.19	3.4	87	-0.1	1.4	1.04	90	1.69	-0.01	-0.43	2685
175	WILDER MARK-ET	RC TP	99	I	200HO07923	37	59	1379	154	97	2.91	4.7	88	0.9	1.9	1.33	95	1.02	0.32	0.14	2685

## Top 200 TPI Bulls April 2023

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HOLSTEIN ASSOCIATION USA, INC 2023

Rank	Name		% RHA	NAAB	PRODUCTION					HEALTH					CONFORMATION					TPI	
					Pro	Fat	MILK	FE	%R	SCS	PL	%R	LIV	FI	PTAT	%R	UDC	FLC	BWC		
176	BOMAZ MANITOBA-ET	TR TC	99	I	29HO19015	48	62	910	196	94	2.82	5.0	86	3.4	0.2	0.25	90	0.52	0.59	-0.58	2684
177	DENOVO 2872 PENSACOLA-ET	TR TC	99	I	29HO19117	45	67	1051	236	96	3.10	3.7	86	1.3	1.6	0.32	88	0.67	0.20	-2.00	2684
178	MORMANN HN TAZEL-ET	TC TY	99	I	551HO03814	37	52	938	173	95	3.07	5.0	85	2.9	2.0	0.92	85	0.97	0.95	-0.61	2684
179	BLUMENFELD FRAZLD BASIC-ET	TR TP	99	I	14HO14129	36	51	1358	171	99	2.61	4.2	95	0.4	-0.1	1.51	99	2.06	0.20	-0.54	2683
180	DELICIOUS CHARL YIS-ET	TR TC	99	I	551HO03872	39	63	1024	173	98	2.65	4.4	88	2.6	1.9	0.44	95	0.95	-1.39	-0.26	2682
181	ST GEN NOBLE DUBAI-ET	TR TC	99	I	551HO03800	29	40	437	140	97	2.72	6.3	87	3.4	4.1	0.46	92	0.72	-0.64	-0.57	2680
182	MR FRAZZLED ARISTOCRAT-ET	TC TY	99	I	551HO03701	37	66	780	156	99	2.67	4.1	89	0.5	-0.2	1.29	96	1.59	-0.16	1.37	2679
183	PROGENESIS BLUFF	TR TY	99	I	200HO10969	44	40	2129	127	98	2.81	4.7	92	2.0	0.6	1.45	93	2.20	0.21	0.28	2678
184	BUTZ-HILL SILVER WINGS-ET	TR TP	99	I	522HO03414	40	91	993	205	99	2.86	1.3	95	-1.9	-0.8	1.15	96	1.21	0.11	0.59	2674
185	SIEMERS DOC HANDSOME-ET	TR TP	99	I	7HO14734	43	67	989	172	97	3.12	1.5	88	-2.1	-2.2	3.33	94	2.46	1.62	0.39	2674
186	MAPLEHURST ACHV LOWBOY-ET	TR TP	99	I	1HO13857	47	75	416	217	99	2.71	4.0	91	3.3	-1.2	-0.17	90	0.61	-0.06	-0.02	2673
187	EDG DELTA-BAYLOR-ET	TR TP	99	I	551HO03419	47	41	1376	174	98	2.80	3.8	94	2.0	1.5	1.10	94	1.72	-0.43	-1.28	2672
188	EDG RUBICON-ET	TR TC	100	NA	151HO00681	38	89	696	224	99	2.94	3.1	99	1.7	-2.6	1.12	99	0.91	1.76	0.35	2672
189	FARNEAR STRYKER-ET	TC TY	99	I	551HO03976	38	48	758	182	96	2.82	4.1	87	0.5	1.7	1.14	87	1.98	-1.07	-0.92	2672
190	TJR MODESTY RIDLEY-ET	TC TY	100	NA	551HO03636	31	65	514	161	97	2.93	4.3	89	3.1	0.5	0.74	93	1.75	0.65	-0.60	2672
191	FARNEAR-TBR-BH FALLON-ET	TC TY	100	NA	551HO03543	47	86	868	243	99	2.82	5.9	94	3.2	-0.5	-0.33	94	-0.55	-0.22	-1.83	2670
192	NACASH-ET		99	I	180HO93020	38	65	144	158	93	2.84	2.8	86	2.3	0.1	1.26	86	1.33	0.62	1.22	2670
193	PEAK ALTANERVE-ET	TR TP	99	I	11HO12370	63	44	2084	186	98	2.81	5.5	89	0.9	0.5	0.70	93	1.08	-0.97	-0.12	2670
194	CO-OP DD ALTAPLETCHER-ET	TR TP	99	I	11HO14110	70	66	2271	231	94	2.86	5.6	86	0.7	-0.8	-0.30	86	0.24	-0.94	-0.12	2669
195	MR MCCUT DANTE 1407-ET	TC TY	99	I	203HO01513	68	74	2275	239	99	3.09	2.1	99	-1.8	-1.9	1.43	99	0.62	0.36	0.05	2669
196	FOUR-CAL RODEO-ET	TR TP	99	I	1HO13443	48	63	2027	183	99	2.65	1.8	91	-1.9	0.1	1.11	92	1.64	-0.33	-0.56	2668
197	WILRA S-S-I DSIRE DECLAN-ET	TR TP	99	I	14HO14202	49	109	1366	282	99	2.97	2.4	89	1.1	-5.4	1.03	92	1.43	0.32	-1.54	2668
198	PEAK HOTLINE-ET	TY TV	100	NA	97HO41774	53	87	1111	222	99	3.04	-4.8	98	-8.1	-2.4	2.82	99	2.26	1.62	1.02	2667
199	MR DETOUR HIGH NOON-ET	TC TY	99	I	551HO03459	47	32	922	166	99	3.08	4.9	94	1.3	3.3	0.91	96	0.40	1.37	-0.96	2666
200	PINE-TREE SKY YORKER-ET	TC TY	99	I	551HO03891	37	51	376	182	93	3.05	4.9	83	4.2	1.4	0.63	86	1.27	0.71	-1.92	2666