

# Top 200 TPI Bulls December 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	83	150	2474	405	99	3.09	5.0	89	-0.2	0.0	1.23	99	1.56	0.54	-2.32	3253
2	FARNEAR UPSIDE-ET	TR TC	99	I	551HO04034	74	107	2336	324	99	2.81	6.7	88	2.3	1.9	0.49	95	1.09	0.15	-1.69	3112
3	LADYS-MANOR OUTCOME-ET	TR TP	99	I	551HO04343	55	102	1074	242	90	2.69	4.4	81	1.1	1.5	1.75	87	2.27	0.97	0.51	3078
4	PLAIN-KNOLL RENEGAD TROOPER	TR TP	99	I	14HO15179	62	107	939	266	93	3.01	4.8	84	1.1	1.4	1.84	89	1.42	1.72	0.70	3063
5	DELICIOUS CHARL HOLDON-ET	TR CD	99	I	551HO03823	69	105	2008	325	99	2.63	5.6	89	1.5	1.6	0.54	94	1.10	-1.05	-1.37	3060
6	PINE-TREE LIONEL MILKY-ET	TR TP	99	I	7HO15233	76	129	1885	366	91	2.95	4.4	82	1.7	-1.4	0.58	86	1.26	0.06	-1.61	3047
7	MR T-SPRUCE FRAZZ LIONEL-ET	TR TP	98	I	7HO14454	92	148	3255	415	99	2.84	2.6	98	-2.6	-2.5	0.48	99	0.82	-0.90	-0.74	3042
8	SIEMERS RENG D PARFECT-ET	TR TP	99	I	7HO15085	58	95	1135	226	99	2.87	4.6	89	-0.6	0.3	2.61	99	2.12	2.10	1.56	3042
9	SILVERRIDGE V EINSTEIN-ET	TR TP	99	I	200HO11586	62	111	1295	253	99	2.62	5.0	91	0.2	0.7	1.23	99	1.78	-0.32	0.86	3036
10	CLAYNOOK ZASBERILLA-ET	TR TP	100	NA	777HO11668	81	119	1602	315	99	2.93	0.4	90	-3.5	-2.0	2.29	98	2.67	-0.14	0.50	3026
11	WINSTAR LIONEL PERPETUAL-ET	TR TP	99	I	7HO15245	73	134	1948	335	91	2.59	4.3	82	-0.7	-1.6	0.71	87	0.50	0.09	0.20	3020
12	DELICIOUS H-NOON TAMPA-ET	TR TC	99	I	551HO03797	74	66	2224	258	99	2.94	7.3	92	3.4	2.9	0.71	99	1.14	1.00	-0.92	3015
13	C-HAVEN POSITIVE DELUXE-ET	TR TP	99	I	551HO04641	64	137	1730	335	93	2.84	2.4	83	-2.2	-1.9	1.85	90	1.23	0.45	-0.05	3014
14	S-S-I RENEGADE RUPERT-ET	TR TP	99	I	7HO14985	73	112	1857	305	97	2.99	3.8	88	0.2	0.5	0.98	88	0.73	0.98	0.63	3007
15	PLAIN-KNOLL CRUSHER-ET	TR TP	99	I	7HO15465	51	125	487	288	91	2.86	5.0	81	3.7	-0.2	1.35	86	0.61	0.72	0.02	2992
16	PEAK ALTAZAZZLE-ET	TR TP	99	I	11HO15036	60	112	962	266	98	2.88	4.3	89	1.8	-0.4	1.55	96	1.34	0.32	0.21	2988
17	ST GEN R-HAZE RAPID-ET	TC TY	100	NA	551HO03591	69	94	1902	267	99	3.03	3.5	95	0.1	-0.8	2.36	98	1.88	1.07	1.09	2975
18	FLY-HIGHER MOONSHINER-ET	TR TP	99	I	14HO15201	65	79	1735	278	99	2.73	5.9	89	-0.9	1.3	1.67	97	1.57	-0.28	-1.53	2972
19	HILMAR BOSA-ET	TR TP	99	I	200HO11946	62	104	1828	302	91	2.95	4.1	81	0.0	-0.3	1.12	86	2.20	0.15	-1.45	2972
20	FB 7683 BILLY ALONSO-ET	TR TP	99	I	29HO19448	65	131	1440	329	92	2.96	5.0	82	1.5	-1.1	0.37	85	0.54	0.20	-0.38	2969
21	PROGENESIS PINBALL-ET	TR TP	99	I	777HO11852	41	85	1441	209	97	2.62	5.7	87	0.6	1.7	1.75	89	2.64	0.56	0.41	2968
22	LEANINGHOUSE TAOS-ET	TR TP	99	I	7HO15112	66	70	1445	187	98	2.79	5.3	88	0.5	2.1	1.71	97	1.28	1.49	2.02	2962
23	MR RI-VAL-RE FREE BILLY-ET	TR TP	99	I	29HO18906	80	154	1511	419	99	3.08	3.3	96	0.7	-2.6	-0.63	97	-0.29	-0.32	-1.94	2958
24	PEAK ALTAOLAF-ET	TR TP	99	I	11HO15088	69	88	2811	276	99	2.73	7.6	90	3.1	2.0	0.01	95	1.19	-2.06	-0.70	2955
25	SIEMERS RENEGADE ROZLINE-ET	TR TP	99	I	250HO15087	40	117	609	247	93	2.71	3.9	83	-0.3	-0.2	1.78	87	1.74	1.06	0.68	2951
26	DE-SU FRAZZ TAHITI 14104-ET	TR TP	99	I	7HO14229	72	106	2165	331	99	2.92	5.3	98	0.8	-0.2	0.84	99	0.91	-1.39	-1.64	2947
27	S-S-I PR RENEGADE-ET	TR TP	99	I	250HO14134	56	91	993	224	99	2.96	3.5	95	-1.8	1.0	1.90	99	1.61	2.01	1.18	2945
28	PINE-TREE-I PURSUIT-ET	TR TP	99	I	777HO11186	59	76	1492	243	99	2.86	6.4	94	1.3	0.6	1.68	99	1.32	1.23	0.61	2944
29	SANDY-VALLEY R CONWAY-ET	TR TP	99	I	14HO15223	52	109	344	258	99	3.05	3.6	89	-0.1	-0.1	1.94	99	1.29	1.27	0.37	2940
30	PEAK RAYSHEN-ET	TR TP	99	I	1HO15274	84	133	1678	368	99	2.86	2.6	89	-0.1	-3.0	0.37	92	0.03	-0.67	-0.64	2938
31	S-S-I BG FESTIVS SERTOLI-ET	TR TP	99	I	14HO14629	56	88	1458	226	98	2.79	3.2	88	0.9	1.7	1.42	95	1.57	0.66	1.09	2934
32	PEAK ALTALUCHE-ET	TR TP	99	I	11HO15225	91	79	2812	297	98	2.80	5.8	88	0.9	-0.8	0.54	85	0.86	-0.69	-1.46	2933
33	GENOSOURCE GUZMAN-ET	TR TC	99	I	551HO03799	76	92	1986	292	99	2.85	4.3	91	0.2	0.4	0.20	97	0.47	0.92	0.29	2931
34	S-S-I DEANO JAMARCO-ET	TR TP	99	I	7HO14545	75	134	1749	329	98	2.89	3.2	91	-0.3	-4.2	1.91	94	1.32	0.20	-0.12	2931
35	BGP YOLO-ET	TR TP	100	NA	734HO00091	42	105	1028	248	99	2.83	3.4	95	1.7	-0.2	1.66	97	2.38	0.87	-0.38	2929

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					Pro	Fat	MILK	FE	%R	SCS	PL	%R	LIV	FI	PTAT	%R	UDC	FLC	BWC		
36	DENOVO 14744 GINETTA-ET	TR TC	99	I	29HO18957	67	107	1373	294	98	2.81	5.0	92	0.4	0.5	0.59	94	0.22	-0.64	0.15	2929
37	HURTGENLEA RICHARD CHARL-ET	TR TC	99	I	551HO03529	60	120	1975	312	99	2.82	4.1	95	-0.2	0.2	0.36	99	0.39	-0.11	-1.49	2926
38	WESTCOAST BCMAP-ET	TR TP	99	I	777HO11731	58	99	1133	272	98	2.81	3.3	88	0.6	-0.1	1.35	88	1.69	0.18	-0.46	2921
39	GENOSOURCE ROUGE-ET	TC TY	99	I	551HO04101	53	107	2042	299	94	2.68	5.6	84	1.6	0.0	0.34	86	1.04	-0.36	-1.26	2916
40	GENOSOURCE JAMISON-ET	TR TC	99	I	551HO04065	68	111	2020	303	95	2.94	3.4	85	-0.1	-2.0	1.07	91	1.15	0.98	-0.57	2915
41	S-S-I RENEGADE RASHAN-ET	TR TP	99	I	14HO14982	48	116	1153	281	96	2.75	4.6	86	1.1	-0.5	0.84	94	0.98	0.30	-0.12	2915
42	SIEMERS EXC HANANS 31753-ET	TR TP	99	I	7HO15325	45	90	378	198	95	2.75	2.4	85	-0.9	-2.2	3.53	91	2.93	2.08	1.33	2914
43	PEAK WALLEN-ET	TR TP	99	I	1HO15229	60	91	1114	256	97	2.83	3.6	88	-0.2	-1.3	1.97	86	2.25	0.44	-0.62	2912
44	PENN-ENGLAND BARCLAY-ET	TR TP	99	I	7HO14804	56	113	1420	291	99	2.96	3.1	93	0.7	-1.5	1.41	97	1.54	0.61	-1.32	2910
45	DENOVO 2705 VENTURE-ET	TR TC	99	I	29HO18870	46	129	1204	318	99	2.56	5.6	97	1.7	-1.0	-0.31	96	0.55	-0.37	-1.36	2908
46	FARNEAR DYKSTRA-ET	TR TC	99	I	551HO04170	61	100	1639	271	99	2.67	5.5	88	2.6	1.3	-0.07	92	0.09	0.05	-0.34	2908
47	TTM ACHIEVER EMERGE-ET	TR TC	99	NA	29HO18852	45	138	1221	301	98	2.96	3.2	91	1.1	-1.2	0.61	92	0.61	0.85	-0.80	2906
48	PEAK ALTAPLINKO-ET	TR TP	99	I	11HO15037	68	106	1290	285	98	2.82	5.4	88	1.5	0.7	0.04	92	-0.17	-0.47	-1.38	2903
49	PINE-TREE-I PICTOGRAPH-ET	TR TP	99	I	200HO11285	67	75	1603	244	94	2.64	5.5	85	1.7	1.7	0.59	89	0.63	-0.25	-0.29	2903
50	BLUMENFELD MYLES ARKHAM-ET	TR TP	99	I	1HO13802	67	87	1875	244	99	2.77	4.7	94	0.8	0.0	0.73	91	1.39	0.20	-0.08	2901
51	MATCREST RIVETING GORDY-ET	TR TP	99	I	14HO15301	55	96	1330	283	94	2.76	5.1	83	1.8	1.0	0.37	86	0.80	-0.21	-1.43	2901
52	STGEN IDEALIST-ET	TC TY	98	I	551HO03845	66	102	1885	295	98	3.08	3.7	88	0.9	0.7	0.29	92	0.72	0.20	-1.51	2897
53	FLY-HIGHER MELLENCAMP-ET	TR TP	99	I	7HO15204	64	71	1197	220	93	3.01	4.0	84	0.0	1.5	1.64	89	1.35	1.06	0.35	2895
54	DENOVO 15570 HURDLE-ET	TR TC	99	I	29HO19271	52	88	836	249	94	2.71	6.2	86	2.0	0.8	0.63	89	1.02	0.66	-1.41	2893
55	CHERRY-LILY ZIP LUSTER-P-ET	TR PC	99	I	7HO14160	48	79	1585	217	99	2.79	3.6	98	0.3	-0.2	2.67	99	2.27	1.77	-0.12	2891
56	T-SPRUCE RENEGAD BIGSHOT-ET	TR TP	99	I	14HO15154	56	88	1428	244	97	2.79	5.6	87	0.7	1.5	0.63	90	0.42	0.67	-0.16	2891
57	OCD LEGENDARY COFFEE-ET	TR TP	99	I	250HO14310	48	98	894	227	99	2.78	4.9	97	2.0	-0.6	1.79	97	1.43	1.05	0.98	2889
58	FARNEAR JESTER-ET	TC TY	99	I	551HO04038	45	114	1090	258	96	2.74	4.3	87	2.2	0.9	0.18	91	0.52	-0.11	0.65	2887
59	EILDON-TWEED NUGE TANGER-ET	TR TP	99	I	7HO15124	55	86	1207	232	93	2.85	3.7	84	1.1	1.4	1.14	89	1.27	0.70	-0.06	2886
60	WINSTAR BIG AL HIGHFLIER-ET	TR TP	99	I	551HO04227	37	113	351	263	99	2.75	4.5	89	0.7	0.7	0.97	89	1.10	-0.51	-0.67	2885
61	MR EDG NOBLE IMPERIAL-ET	TC TY	99	I	551HO03812	39	52	685	176	99	2.54	6.9	88	2.4	3.8	0.88	91	1.92	-0.16	-0.67	2882
62	LARCREST CAPTIVATING-ET	TR TP	99	I	250HO15156	55	88	1436	235	98	2.80	2.4	88	0.2	0.7	1.57	96	1.11	0.68	0.22	2881
63	HORSENS SSI RIVET ROONEY-ET	TR TP	99	I	7HO14990	57	76	1582	241	94	2.64	6.3	84	3.1	0.3	0.60	88	1.02	0.10	-0.67	2879
64	MR HOMESTEAD SSI LEMUEL-ET	TR TP	99	I	7HO14992	82	93	2135	319	94	2.98	2.6	84	-1.2	-2.0	1.20	89	0.67	0.96	-0.90	2879
65	WELCOME GODDARD 3571-ET	TR TP	99	I	7HO14438	69	104	1965	286	99	2.71	5.8	96	1.0	0.4	-0.42	98	-0.58	0.03	-0.88	2879
66	BLUMENFELD IMPERIAL-ET	TR TP	99	I	200HO11398	74	109	2524	311	99	3.09	2.6	91	-1.1	-2.1	1.32	97	0.96	0.50	0.60	2878
67	DENOVO 15567 KIMMEL-ET	TR TC	99	I	29HO19241	68	87	1595	255	94	2.79	4.5	86	-0.6	0.1	0.94	89	1.23	-0.88	-0.04	2873
68	VATLAND MASTERCARD-ET	TR TP	99	I	200HO11695	67	65	1250	215	94	2.65	3.6	85	0.1	0.2	1.38	86	1.93	-0.10	0.10	2873
69	DELICIOUS DW CONFIDE-ET	TC TY	99	I	551HO03832	62	94	1768	286	98	2.83	4.8	89	1.3	0.1	0.63	87	0.31	-0.12	-0.89	2866
70	PEAK ALTAKLAEBE-ET	TR TP	99	I	11HO12323	59	80	1025	230	99	2.74	5.2	93	0.6	2.0	0.87	94	0.93	-1.74	0.34	2863

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71	T-SPRUCE NUGNT GRANADA-ET	TR TP	99	I	7HO15097	64	97	2448	283	98	2.88	4.4	88	1.6	-0.6	0.84	94	0.70	-0.44	-0.47	2860
72	BPS PANTHER FOXCATCHER-ET	TR TP	99	I	7HO14578	58	68	1539	208	99	2.76	5.7	94	1.4	2.1	0.57	95	0.88	0.09	-0.35	2859
73	BUTZ-HILL GOLD MINE-ET	TC TY	99	I	551HO04195	56	70	999	249	96	2.81	6.8	85	2.1	1.3	0.45	90	0.54	0.91	-0.95	2857
74	FARNEAR MIAMI-ET	TR TC	99	I	551HO03970	51	69	1147	217	99	2.84	4.9	90	1.4	1.5	1.51	99	1.25	0.58	0.16	2857
75	MCNALLAN MATTERS ELWOOD-ET	TR TP	99	I	1HO13878	57	127	1164	316	99	2.90	1.4	93	-0.7	-1.0	0.74	95	0.30	0.35	-0.32	2857
76	OCD HELIX ALPHABET-ET	TR TP	100	NA	7HO14320	67	105	2676	296	99	2.96	2.8	95	-3.0	-1.2	1.38	99	1.38	-0.54	-0.64	2855
77	PINE-TREE JURASSIC-ET	TR TC	99	I	29HO19099	58	131	841	324	96	2.68	3.2	86	0.1	-4.0	0.59	92	0.74	0.05	-1.10	2855
78	GENOSOURCE RESOLUTION-ET	TR TC	99	I	551HO04035	40	121	1124	299	94	2.66	3.9	82	1.2	-2.0	0.69	86	1.16	0.16	-2.08	2853
79	LARS-ACRES CC FINISHLINE-ET	TR TP	99	I	7HO14705	51	98	1291	247	94	2.84	4.0	85	-0.3	0.0	1.24	90	1.45	0.46	-0.80	2851
80	DENOVO 2981 SHELDON-ET	TR TC	99	I	29HO19194	40	95	1087	251	98	2.95	4.6	89	1.8	0.1	1.21	93	1.14	1.38	-2.00	2850
81	HILMAR-D RIVETING CAVIAR-ET	TR TP	99	I	250HO15211	34	99	865	249	96	2.74	4.6	86	1.0	-0.3	1.58	93	1.59	0.89	-1.18	2849
82	STGEN CHARL RILEY-ET	TC TY	99	I	551HO04140	51	114	1338	263	90	2.88	2.7	81	-0.4	0.5	0.74	85	0.90	-0.37	0.06	2849
83	WELCOME TAFFOU 4114-ET	TR TP	99	I	7HO15238	42	58	460	176	92	2.68	5.8	83	4.8	2.0	1.48	87	1.43	0.79	-0.23	2849
84	DELICIOUS BY-PASS-ET	TR TC	99	I	551HO03844	64	87	2196	279	97	2.73	4.7	88	-0.1	0.5	0.44	89	0.92	-1.25	-1.23	2846
85	WESTCOAST ALCOVE	TR TP	99	I	777HO11000	71	120	1950	295	99	3.01	0.4	97	-3.2	-1.8	1.23	98	1.24	0.01	0.92	2846
86	AURORA MAGELLAN-ET	TR TP	99	I	7HO15197	66	76	1892	260	97	2.65	4.7	88	0.8	-1.4	1.15	91	1.50	-0.49	-0.67	2844
87	GENOSOURCE JERICO-ET	TC TY	99	I	551HO04121	64	105	1754	274	94	2.93	2.9	83	-0.6	-2.4	1.32	88	1.28	1.11	0.00	2844
88	WINSTAR ORACLE-ET	TC TY	99	I	29HO19398	45	70	781	188	94	2.72	6.7	84	2.3	0.6	1.59	85	1.47	0.32	-0.13	2844
89	TERRA-LINDA AZ DOC OZ-ET	TR TP	99	I	100HO12128	59	62	1656	184	95	2.98	3.5	83	-0.1	0.8	2.50	87	2.37	1.15	0.57	2843
90	WINSTAR MENDEL-P-ET	TR PC	99	I	29HO19518	37	122	432	270	97	3.02	3.3	86	2.2	-0.3	0.90	89	1.03	0.75	-1.28	2841
91	MR WINGS NORTON-ET	TR TC	99	I	551HO03713	76	75	1835	297	99	2.79	3.8	95	0.7	-1.4	0.47	98	0.88	0.65	-1.52	2840
92	DENOVO 15853 KEARNEY-ET	TR TC	99	I	29HO19379	70	70	2026	251	94	2.59	6.7	84	1.5	-1.4	0.60	85	1.25	-0.76	-1.02	2834
93	ENGLAND-AMMON BANJO-P-ET	TR PC	99	I	7HO14694	58	74	1082	198	97	2.89	1.2	88	-1.7	2.0	1.42	94	1.37	1.00	1.62	2831
94	SANDY-VALLEY EISAKU-ET	TR TP	99	I	7HO14364	49	84	1399	240	99	3.12	4.5	95	1.1	0.4	1.72	99	0.91	0.89	-0.18	2830
95	DENOVO 15492 HUGO-ET	TR TC	99	I	29HO19226	57	73	963	236	98	2.72	3.3	89	0.1	-0.2	1.38	95	1.72	0.73	-1.23	2829
96	PINE-TREE AGENCY-ET	TR TC	99	I	29HO18963	68	104	1850	301	99	2.88	3.2	92	0.0	-1.5	0.18	92	0.47	-0.01	-0.86	2824
97	SILVERRIDGE V TIMBERLAKE-ET	TR TP	99	I	777HO11288	68	65	2380	246	99	2.85	4.9	93	0.6	-1.0	0.84	97	2.47	-0.74	-0.50	2824
98	PEAK MORANT-ET	TR TP	99	I	97HO42234	59	97	992	263	97	2.85	4.3	90	3.1	-1.8	0.69	91	0.88	0.28	-0.26	2820
99	AARDEMA MAPQUEST-ET	TR TP	98	I	1HO13818	47	96	1620	259	99	2.74	4.9	95	1.2	0.8	0.14	92	0.59	-0.26	-0.31	2819
100	GENOSOURCE JOHNBOY-ET	TC TY	99	I	551HO04125	63	78	995	218	93	2.83	3.8	84	0.5	-1.4	1.51	88	1.95	0.61	0.57	2819
101	BOMAZ MONUMENT-P-ET	TR PC	99	I	29HO19071	46	105	448	261	98	2.71	4.6	89	3.9	-0.3	0.13	90	0.57	-0.51	-0.40	2817
102	WELCOME-TEL LEGIT	TR TC	99	I	29HO19465	51	66	1091	187	94	2.60	5.5	84	0.1	-0.2	1.31	88	1.88	0.38	0.22	2816
103	WINSTAR ANISTON-ET	TR TC	99	I	29HO19079	40	121	791	296	98	2.77	4.9	88	0.4	-1.1	0.17	91	0.70	-0.26	-1.48	2815
104	DELICIOUS HN METZ-ET	TC TY	99	I	551HO03834	46	51	651	185	94	2.85	7.0	83	3.3	3.2	0.95	87	1.15	0.32	-0.64	2814
105	MAPLEHURST DELROY TORRO-ET	TR TP	99	I	1HO14127	61	88	1608	272	99	2.85	4.1	89	-0.3	-0.3	0.53	94	1.30	-0.81	-1.83	2813

# Top 200 TPI Bulls December 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	PINE-TREE 7593 SAMAR 390-ET	TC TY	99	I	551HO03892	58	108	809	277	98	2.69	3.6	89	0.0	-1.0	0.18	86	0.06	-0.38	-1.08	2813
107	BLUMENFELD GDANC RORY-ET	TR TP	100	NA	1HO12964	68	112	1826	316	99	2.95	3.8	97	1.9	-3.0	0.61	96	0.65	-0.78	-1.10	2812
108	SIEMERS BRAVE-ET	TR CD	99	I	200HO11906	63	68	1700	259	92	2.87	4.7	82	0.6	-0.2	0.68	87	2.17	-0.90	-1.83	2811
109	FARNEAR DELTA-LAMBDA-ET	TR TP	100	NA	551HO03379	46	50	1321	169	99	2.78	5.0	98	-0.6	0.5	2.74	99	2.81	1.01	0.18	2808
110	DENOVO 7895 MENTOR-ET	TR TC	99	I	29HO18775	65	59	1968	210	94	2.68	4.3	87	1.4	0.9	0.96	91	1.42	-0.05	-0.02	2807
111	PEAK AUSTAD-ET	TR TP	99	I	734HO00110	53	105	791	282	96	2.95	1.7	86	-2.0	-1.6	1.51	89	1.50	0.27	-1.24	2806
112	TJR NOBLE IRVINE-ET	TR CD	99	I	551HO03788	55	61	1722	231	99	2.90	4.5	93	0.9	2.0	0.85	89	1.73	-0.94	-0.77	2806
113	MR SUPERHERO DEDICATE-ET	TR TC	99	I	551HO03590	43	75	755	217	99	2.87	5.1	92	2.7	1.6	0.87	97	1.30	-0.23	-1.24	2805
114	BOMAZ MONTREAL-ET	TR TC	99	I	29HO18984	49	130	329	291	99	3.08	4.1	95	1.1	-1.6	0.20	91	0.23	0.21	-0.82	2804
115	FAIRMONT MEDLEY RADLEY	TR TC	99	I	29HO19049	70	69	1756	225	93	2.87	4.5	85	1.3	-1.3	1.08	90	1.05	0.82	0.29	2803
116	PEAK ALTAZAREK-ET	TR TP	99	I	11HO12219	58	88	1534	241	99	2.90	5.0	96	1.0	-1.7	1.02	97	0.90	1.08	-0.66	2799
117	AURORA MITCHELL-ET	TY TV	100	NA	515HO00318	42	73	891	169	98	2.68	2.5	93	0.6	1.1	2.28	96	1.68	0.88	0.73	2797
118	CHERRYPCOL MOSCOW-ET	TR TP	99	I	7HO15132	57	65	1311	224	95	2.67	6.8	86	3.5	0.9	0.30	91	0.91	-1.17	-0.90	2794
119	REGAN-DANHOF COPYRIGHT-ET	TR TP	99	I	200HO11607	62	79	2342	236	99	2.93	2.4	92	-0.4	-1.4	1.52	98	2.14	-0.25	0.41	2793
120	KINGS-RANSOM S DREAMBIG	TR TC	99	I	94HO19526	54	72	1102	194	92	3.07	1.6	83	-2.0	-0.9	3.14	88	2.14	1.37	0.70	2791
121	PROGENESIS BANKSY-ET	TR TP	99	I	777HO11699	60	75	1129	220	95	2.85	4.1	87	1.6	-0.1	0.87	94	1.46	-0.65	0.18	2788
122	S-S-I DOC ALUM	TR TP	99	I	7HO14608	50	86	1115	211	94	3.10	3.3	85	1.1	0.4	1.79	91	0.98	0.74	0.63	2786
123	AURORA ALTAANTONIO-ET	TR TP	99	I	11HO12083	57	81	1004	235	98	2.76	4.0	95	1.1	-0.7	1.13	96	0.91	0.78	0.19	2785
124	PEAK ALTAMGM-ET	TR TP	99	I	11HO12374	60	83	1549	256	98	2.90	4.8	88	2.6	0.7	0.27	87	0.25	-0.43	0.43	2785
125	MATCREST DEWEY-ET	TR TC	99	I	29HO18755	48	81	1056	229	99	3.03	5.3	94	3.4	-0.4	1.01	94	0.80	1.13	-0.96	2784
126	WOODCREST KING DOC	TR TP	99	I	250HO12961	53	66	1571	171	99	3.13	3.4	99	0.3	-1.1	3.22	99	2.13	1.97	0.79	2784
127	PEAK INCREDIBLE-ET	TR TP	99	I	1HO15204	57	76	1010	224	95	2.73	3.7	86	1.4	-1.1	1.56	86	1.17	0.34	0.51	2781
128	PEAK MUSCLE UP-ET	TR TP	99	I	1HO15203	59	122	1065	309	99	2.97	1.2	89	-1.4	-2.4	0.60	92	0.74	0.40	-1.17	2781
129	MR MONSTER-ET	TR TP	99	I	734HO00082	86	66	2719	249	98	2.70	2.5	93	-0.1	-1.7	1.05	91	1.04	-0.86	1.10	2775
130	GENOSOURCE JAFFA-ET	TR TC	99	I	551HO04176	52	82	1000	245	97	3.00	5.3	85	2.2	-1.7	0.80	88	0.83	2.03	-0.16	2771
131	BOMAZ ALTASOHOT-ET	TR TP	99	I	11HO12345	59	135	1252	317	99	2.83	3.0	94	2.7	-2.4	-1.05	97	-0.46	-1.22	-0.97	2770
132	PROGENESIS MAESTRO-ET	TR TP	99	I	200HO11330	48	70	1070	196	99	2.78	4.4	92	1.1	-0.5	1.32	99	1.43	0.85	1.32	2769
133	PEAK ALTAINDIGO-ET	TR TP	98	I	11HO12328	63	95	1574	267	98	2.94	2.6	91	1.0	-2.7	1.10	92	1.20	-0.16	0.50	2767
134	WESTCOAST ICEBREAKER-ET	TR TP	100	NA	200HO11380	69	87	1531	298	98	2.93	4.2	87	-1.2	1.2	-0.39	91	-0.13	-1.99	-2.38	2765
135	PEAK ALTAHAWTHORN-ET	TR TP	99	I	11HO15061	66	87	1516	274	97	2.64	3.7	88	0.0	-3.0	0.92	91	1.32	-0.99	-0.94	2764
136	CO-OP RB CALLAHAN-ET	TR TP	99	I	1HO15288	44	63	1029	184	97	2.53	5.7	87	2.8	0.1	0.69	88	1.34	0.37	-0.10	2763
137	DELICIOUS CHAR INDICATOR-ET	TR TC	99	I	551HO03902	39	81	1317	217	95	2.67	5.1	88	1.1	0.7	0.95	91	1.00	-0.78	-0.95	2760
138	SIEMERS HANLEY-ET	TR TP	99	I	777HO11782	29	79	695	172	93	2.82	3.8	84	-0.2	-0.6	2.36	90	2.57	1.01	-0.14	2760
139	PEAK ALTADANYL-ET	TR TP	99	I	11HO15242	51	91	419	215	96	2.65	5.1	87	2.7	0.6	0.14	85	-0.12	-1.12	0.98	2759
140	DELICIOUS CHARL MIXER-ET	TC TY	99	I	551HO03994	54	74	1174	247	95	2.71	6.2	86	2.9	-0.1	0.12	89	0.59	-0.61	-2.00	2758

# Top 200 TPI Bulls December 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	EDG DELTA-CHANCE-ET	TC TY	99	I	551HO03360	40	76	1032	201	99	3.04	3.9	96	2.0	1.8	1.16	90	1.45	-0.23	-0.87	2758
142	AOT SILVER HELIX-ET	TR TP	100	NA	14HO07770	65	118	1937	302	99	3.02	0.1	99	-8.0	-1.9	1.10	99	0.87	-0.29	0.13	2756
143	SCHREUR SHIMMER-ET	RC TC	100	NA	29HO17442	51	41	2001	159	98	2.71	5.2	91	1.5	-0.8	2.16	96	1.87	1.78	0.39	2755
144	SWISSLANE STGEN FRZLED YOGI	TR TC	96	I	551HO03715	66	79	2498	278	99	2.88	5.2	93	1.0	-1.5	0.40	97	0.88	-0.61	-1.70	2755
145	PEAK ALTAALTUVE-ET	RC TP	99	I	11HO12155	65	78	1804	236	98	2.80	3.4	92	-1.0	-2.1	1.69	95	0.62	0.83	0.23	2754
146	PEAK ALTASHAZAM-ET	TR TP	99	I	11HO15060	70	85	2329	249	98	2.76	2.6	89	-0.2	-2.2	0.87	95	0.65	0.12	0.29	2752
147	PEAK ALTAPINETTA-ET	TR TP	99	I	11HO12263	61	136	1500	298	99	3.01	2.1	97	-0.4	-2.9	0.24	95	0.14	-1.06	0.54	2748
148	PROGENESIS ALTAPLEDGE-ET	TR TP	99	I	11HO12384	55	72	984	216	98	2.85	5.2	90	0.8	1.8	0.17	94	0.21	-0.92	-0.43	2748
149	DENOVO 14400 ADVANCE-ET	TR TC	99	I	29HO18783	46	102	758	297	99	2.66	5.5	94	3.7	-1.7	-0.63	93	-0.16	-0.30	-2.57	2747
150	CO-OP DAWSONITE-ET	TR TP	99	I	1HO15132	35	78	616	196	96	2.54	5.8	85	2.4	0.9	-0.10	85	0.70	0.42	-0.56	2746
151	STGEN DEDICATE HEIR-ET	TR TC	99	I	551HO03849	30	60	-159	180	99	2.74	6.8	89	4.5	3.4	-0.22	98	0.94	-0.33	-2.30	2744
152	MATCREST ALTAACER-ET	TR TP	99	I	11HO12407	47	90	1400	250	99	2.91	4.8	91	3.8	-0.6	-0.13	91	0.45	0.25	-1.52	2743
153	PINE-TREE ACHIE KORBEL-ET	TR TP	99	I	1HO13879	67	86	1971	289	99	2.70	3.1	93	0.2	-2.2	0.43	95	0.37	-0.33	-2.06	2742
154	DELICIOUS DJOLT TULSA-ET	TR TC	99	I	551HO03808	33	52	737	144	99	2.60	6.6	87	3.4	0.9	1.14	93	1.73	0.60	-0.41	2741
155	HULSTEIN BREEZER-ET	TR TP	99	I	515HO00341	33	95	487	211	95	2.67	3.8	85	2.2	-0.7	0.73	88	1.02	0.26	-0.82	2740
156	STGEN NASH XAVIER-ET	TR TC	99	I	551HO03889	53	77	1727	227	95	2.94	4.0	84	-0.6	-0.6	1.06	85	0.85	0.88	0.14	2740
157	ROSYLANE-LLC MURPHY-ET	TC TY	99	I	551HO03992	35	75	1293	204	98	2.80	5.1	88	0.2	0.8	0.83	90	1.48	0.19	-1.37	2739
158	WINSTAR SOLUTION GIVER-ET	TR TP	99	I	551HO04228	32	94	965	219	99	2.85	3.7	89	0.9	0.2	0.58	87	0.97	0.58	-0.84	2739
159	MR SUPERHERO NOLAN-ET	TR TC	99	I	551HO03665	53	48	1607	195	99	2.79	4.7	95	2.1	1.6	0.55	95	1.14	0.15	-1.36	2738
160	PEAK ALTAABBA-ET	TR TP	99	I	11HO12264	47	77	1667	193	98	2.77	3.0	93	0.9	0.5	1.04	95	0.85	0.34	0.91	2737
161	STGEN DCATE WERNER-ET	TR TC	99	I	551HO03884	22	65	499	171	96	2.55	6.8	85	3.8	1.5	0.88	86	1.54	-0.41	-1.20	2736
162	PROGENESIS VENITO-ET	TR TP	99	I	97HO42267	42	43	833	139	93	2.82	6.2	85	3.3	3.1	0.62	87	1.39	-0.20	-0.45	2735
163	BLUMENFELD GO TO GUY-ET	TR TP	99	I	566HO01322	76	53	1589	240	94	2.81	4.2	85	-0.6	-1.8	0.93	88	1.13	0.61	-0.61	2734
164	DENOVO 15953 CHALET-ET	TR TC	99	I	29HO19347	57	82	717	214	96	2.86	3.5	86	0.5	-0.6	0.67	92	0.58	0.61	0.86	2734
165	ABS ACHIEVER-ET	TC TY	99	NA	29HO18296	26	112	49	252	99	2.66	4.5	99	2.5	-1.7	0.05	99	0.83	0.28	-1.64	2733
166	DELICIOUS CHARL HARDBALL-ET	TR TC	99	I	551HO03851	45	94	886	233	98	2.65	4.6	88	0.8	-1.0	0.14	92	0.84	-0.45	-0.74	2733
167	PEAK ALTAINGOLD-ET	TR TP	99	I	11HO12158	59	59	1399	215	97	3.00	0.0	90	-5.0	0.9	1.70	90	1.54	1.53	-0.95	2733
168	ST GEN NOBLE DUBAI-ET	TR TC	99	I	551HO03800	32	38	401	145	99	2.66	6.3	89	3.9	5.2	0.21	94	0.82	-0.99	-0.81	2733
169	PINE-TREE SKY YORKER-ET	TC TY	99	I	551HO03891	42	60	427	198	96	3.00	5.2	87	3.6	1.7	0.53	88	1.16	0.82	-1.68	2732
170	AURORA EXPRESS-ET	TR TP	99	I	515HO00352	58	73	1294	200	88	2.78	4.3	80	0.4	0.4	0.82	85	0.71	-0.56	0.12	2731
171	NO-FLA ALTABUNDLE-ET	TR TP	99	I	11HO12293	85	91	2972	320	99	2.85	1.6	95	-2.3	-2.4	0.31	95	0.24	-1.36	-0.67	2731
172	ST GEN NOBLE ABBOTSFORD-ET	TC TY	99	I	551HO03753	50	67	1373	217	98	3.14	3.2	88	-0.6	1.2	1.07	90	1.65	-0.07	-0.42	2731
173	LADYS-MANOR BAND SEASAW-ET	TR TP	100	NA	566HO01293	37	56	752	150	96	2.59	5.1	89	3.7	1.6	0.59	90	1.21	0.87	0.43	2729
174	MR SPRING NIGHTCAP 74636-ET	TC TY	99	I	551HO03369	48	75	1106	236	99	2.84	3.1	97	0.7	0.0	0.76	98	1.54	-0.84	-0.62	2728
175	ST GEN DW MACLEOD-ET	TC TY	99	I	551HO03741	41	85	1163	237	99	2.72	4.1	91	1.3	0.0	0.66	90	0.62	-0.21	-1.21	2728

# Top 200 TPI Bulls December 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	STGEN NASH SPORTY-ET	TC TY	99	I	551HO03957	59	87	1230	247	95	2.87	3.4	85	-2.3	-1.4	0.98	90	0.55	0.63	0.47	2728
177	ST GEN RUBICON JONES-ET	TC TY	99	I	551HO03663	29	116	238	225	99	2.85	2.6	95	1.7	-1.3	1.43	97	0.37	0.54	1.35	2727
178	CO-OP BV TYLER MADBOY-ET	TR TP	99	I	1HO14139	64	66	1962	217	99	2.81	6.2	90	4.1	-1.7	0.33	92	0.80	-0.44	-0.21	2725
179	FULLTHROTTLE REASONS-ET	TR TP	99	I	566HO01291	36	76	704	206	97	2.82	4.2	90	3.4	-0.3	0.70	89	1.51	0.69	-0.75	2725
180	MORMANN HN TAZEL-ET	TC TY	99	I	551HO03814	39	57	966	184	96	3.06	4.9	88	3.2	1.9	0.98	85	1.00	1.01	-0.67	2723
181	DELICIOUS DW CINCH-ET	TR TC	99	I	551HO03836	42	56	1558	218	96	2.82	6.0	86	1.9	0.8	0.93	85	1.36	-0.14	-1.49	2720
182	LADYS-MANOR BND SEAGLASS-ET	TR TP	100	NA	100HO11968	48	64	1260	185	98	2.81	3.3	92	0.6	-0.7	1.37	93	1.94	0.74	0.11	2720
183	MATCREST HAILED-ET	TR TP	99	I	11HO15361	48	83	1318	230	93	3.14	1.8	84	-1.3	-1.0	1.43	88	1.72	0.16	0.07	2720
184	HOOGERHORST DG OH RUBELS-RED	TC TY	100	NA	29HO17459	49	66	1056	199	96	2.76	3.3	90	2.1	-2.3	2.13	95	1.71	1.31	-0.10	2716
185	DELICIOUS CHARL YIS-ET	TR TC	99	I	551HO03872	41	72	1110	184	99	2.60	4.6	91	1.8	1.3	0.43	97	1.00	-1.40	-0.13	2714
186	PEAK ALTAORINOCO-ET	TR TP	99	I	11HO12316	55	70	1042	223	99	3.01	3.9	94	1.1	0.3	0.84	89	0.65	0.42	-0.49	2714
187	SALVO RDC-ET	RC TC	99	I	202HO01723	25	58	734	140	94	2.60	5.7	89	1.5	1.9	1.21	91	1.26	0.44	0.13	2712
188	PEAK ALTAFAULT-ET	TR TP	98	I	11HO15235	67	58	1979	234	97	2.67	5.0	88	0.6	-1.4	0.43	87	0.79	0.23	-0.44	2711
189	SIEMERS DOC HANCOCK	TR TP	99	I	250HO14579	37	48	1129	143	99	2.82	2.6	95	-3.0	-1.7	3.63	98	3.38	2.52	-0.40	2710
190	PEAK LUKAKU-ET	TR TP	99	I	97HO42106	36	78	1115	192	99	2.91	5.8	94	3.6	-1.3	1.19	94	1.06	1.27	-0.24	2709
191	MR RUBICON DYNAMO-ET	TR TC	100	NA	551HO03416	53	63	1705	204	99	2.77	4.7	99	3.3	-2.3	1.07	99	1.64	0.88	0.20	2708
192	CO-OP DD ALTAPLETCHER-ET	TR TP	99	I	11HO14110	78	73	2491	258	96	2.85	5.2	86	0.9	-1.6	-0.28	87	0.23	-0.90	-0.14	2707
193	DELICIOUS DYNASTY SAHAB	TC TY	99	I	551HO03770	52	80	1405	238	97	2.80	4.4	88	0.1	-1.4	0.60	95	1.07	0.06	-0.06	2706
194	KINGS-RANSOM I DEGREE-ET	TC TY	99	I	551HO03818	53	71	1330	222	93	3.07	1.9	84	-1.5	-2.6	2.74	90	2.11	1.44	0.54	2706
195	STGEN CHARL LUMINA-ET	TR TC	99	I	551HO03873	31	56	597	149	97	2.73	7.2	89	3.4	3.0	0.39	91	0.68	-0.54	-1.00	2706
196	PEAK LIFEFORCE-ET	TR TP	99	I	1HO15184	60	72	1006	237	99	2.97	3.3	90	1.1	-1.5	0.54	90	1.20	-0.15	-1.78	2704
197	SAN-DAN NOBLE STOCKTON-ET	TC TY	99	I	551HO03793	39	73	1360	202	99	2.70	2.9	92	1.0	-0.1	1.34	91	1.61	-0.47	0.42	2704
198	PEAK SHAWARMA-ET	TR TP	99	I	97HO42266	69	60	2454	226	97	2.68	4.2	88	-0.9	-0.8	0.62	88	0.61	-0.68	-0.38	2703
199	FARNEAR-TBR-BH FALLON-ET	TC TY	100	NA	551HO03543	49	85	927	246	99	2.76	5.9	96	3.9	-0.4	-0.33	95	-0.54	-0.08	-1.75	2701
200	GENOSOURCE WORTH THERISK-ET		99	I	551HO03983	40	84	1157	280	97	2.97	4.4	88	3.7	-0.7	0.13	91	1.05	-0.88	-3.73	2701