

Top 200 TPI Bulls December 2017

(Semen Status is ACTIVE or LIMITED with a minimum of 80% traditional US reliability OR 85% Genomic reliability for production and type)

HOLSTEIN ASSOCIATION USA, INC 2017				PRODUCTION							HEALTH				CONFORMATION							
Rank	Name		%	RHA	NAAB	Pro	Fat	MILK	FE	%R	SCS	PL	%R	LIV	FI	PTAT	%R	UDC	FLC	BWC	TPI	
1	MR MOGUL DELTA 1427-ET	TC TV	100	NA	203HO01468	55	90	1777	204	99	2.84	9.2	88	0.9	4.1	1.95	99	2.62	1.41	-1.17	2839	G
2	EDG RUBICON-ET	TC TV	100	NA	151HO00681	49	106	1317	201	98	2.84	7.7	87	0.6	2.9	1.95	97	1.84	2.58	0.42	2799	G
3	MR MOGUL DENVER 1426-ET	TC TV	100	NA	151HO00690	71	103	2299	225	94	3.01	5.7	86	-0.9	1.8	2.16	90	2.62	1.33	0.22	2779	G
4	BACON-HILL MONTROSS-ET	TR TP	100	NA	7HO12165	89	83	3024	227	99	3.13	6.2	90	-0.9	1.7	1.99	99	2.41	1.44	-0.3	2772	G
5	MR MOGUL DION 15008-ET	TC TV	100	NA	203HO01470	67	87	1353	226	97	2.7	7.6	87	1.2	2.5	1.27	95	1.9	0.72	-0.77	2757	G
6	UECKER SUPERSIRE JOSUPER-ET	TC TV	99	I	29HO17553	90	103	3209	232	99	2.92	6.5	88	1.4	1.4	1.36	97	1.03	-0.36	1.22	2757	G
7	WOODCREST MOGUL YODER-ET	TR TP	100	NA	7HO12266	49	102	1193	210	99	3	7.3	88	0.5	2.8	1.9	97	2.32	1.49	-0.46	2750	G
8	DE-SU ALTALEAF-ET	TR TP	99	I	11HO11478	68	83	2428	184	97	2.74	6.3	87	1.4	1.5	2.33	91	1.71	1.14	0.77	2689	G
9	HAR-DALE-ACRES-JP ALTACR-ET	TR TP	100	NA	11HO11434	37	86	531	176	98	2.94	7	87	1.9	3	1.69	91	2.77	2.04	-0.3	2669	G
10	MYR-MATT MOGUL PLATINUM	TP TV	100	NA	1HO11096	58	83	1807	184	98	2.78	6.8	88	-0.7	2.3	1.93	92	1.58	1.56	0.11	2653	G
11	MR COIN DRACO 15006-ET	CD TV	100	NA	151HO00698	57	50	1693	158	96	2.72	10	86	3.8	3.6	1.52	91	2.65	-0.98	-1.19	2649	G
12	EILDON-TWEED SSR BELAIR-ET	TR TP	99	I	14HO07418	54	81	1363	175	95	3.01	6.6	87	2	2.6	2.06	92	1.71	1.76	0.67	2644	G
13	S-S-I MOGUL REFLECTOR	TR TP	99	I	7HO12105	75	44	1847	151	99	2.79	7.1	88	0.9	3.1	1.76	96	1.62	1.38	1.34	2643	G
14	S-S-I EPIC MIDNIGHT-ET	TR TP	100	NA	7HO11946	49	56	1138	146	99	2.73	8.9	89	4.8	5.8	0.66	96	1.5	0.39	0.01	2641	G
15	LARCREST COMMANDER-ET	TC TV	99	I	29HO16909	58	84	1428	190	97	2.84	4.2	87	-1.7	1	2.64	95	2.52	1.39	0.35	2627	G
16	SEAGULL-BAY SILVER-ET	TC TV	100	NA	29HO17573	50	87	1220	176	99	2.86	4.7	88	-1.9	0.1	2.4	97	2.85	2.25	0.78	2608	G
17	SEAGULL-BAY SUPERSIRE-ET	TR TP	100	NA	7HO11351	65	101	2070	216	99	2.82	7.1	99	2.3	1	0.88	99	0.63	-0.07	0.12	2607	G
18	BACON-HILL MONTY-ET	TR TP	100	NA	14HO07347	60	95	2110	215	93	2.91	5.7	87	-0.9	-0.1	1.47	91	2.13	1.73	-1.29	2606	G
19	WINNING-WAY MOONRAKER	TC TV	100	NA	29HO16962	48	83	1346	186	97	3.06	6.6	87	-0.4	1.8	1.94	91	2.32	1.65	-0.89	2606	G
20	COASTAL-VIEW MOOKIE-ET	TR TP	100	NA	14HO07328	30	108	218	194	98	2.97	5.7	88	0.1	2	1.73	93	2.29	1.39	-0.09	2605	G
21	CO-OP ROBUST CABRIOLET-ET	TP TC	99	I	1HO10396	51	98	998	227	99	2.92	7.6	97	3.7	2.4	-0.07	97	0.74	0.28	-1.69	2600	G
22	EILDON-TWEED CHOPS-ET	TR TP	100	NA	14HO07337	44	81	958	176	95	3.09	4	87	-2.5	2.3	2.49	92	2.81	2.36	-0.32	2598	G
23	BACON-HILL MAGUIRE-ET	TR TP	100	NA	7HO12256	59	112	1566	221	96	2.75	4.9	87	0.8	-0.7	1.5	91	1.08	0.57	0.65	2591	G
24	S-S-I STERLING TRENTON-ET	TR TP	100	NA	7HO13094	47	78	466	182	92	2.85	8.7	87	2.5	1.6	1.59	87	1.62	1.37	0.07	2587	G
25	DE-SU 11228 TOPSY-ET	TC TV	99	I	29HO16667	62	81	1461	187	99	2.72	5.8	90	-0.2	0	1.89	96	1.52	1.29	0.84	2586	G
26	ROYLANE BOOKEM BOB 5170-ET	TR TP	99	I	7HO11752	56	71	773	178	98	2.97	4.5	92	-0.1	3	1.86	95	1.79	0.88	0.64	2585	G
27	DE-SU ROOKIE 11057-ET	TR TP	99	I	7HO11708	46	85	1146	181	95	2.72	6.6	86	1.5	1.4	1.74	93	1.46	1.08	-0.32	2573	G
28	EDG BLACKGOLD-ET	TC TV	100	NA	29HO17550	55	79	1373	187	95	3.17	5.7	87	1	2.8	1.69	90	1.12	1.78	-0.38	2573	G
29	S-S-I SUPERSIRE MODESTO-ET	TR TP	99	I	7HO13035	64	62	1807	153	96	2.87	7.1	87	1	2.3	1.58	90	1.18	1	1.41	2569	G
30	MR SHOT DOZER 1491-ET	TC TV	100	NA	151HO00696	46	35	1333	115	92	2.54	9.7	86	4	3.1	1.17	86	2.49	1.27	-0.4	2562	G
31	WESTENRADE ALTASPRING	TR TP	99	I	11HO11437	46	67	1058	147	98	3.07	5	87	-1.4	2.3	2.09	96	3.11	1.78	0.67	2562	G
32	CO-OP RENEGADE-ET	TP TC	99	I	1HO11863	38	78	955	144	96	2.99	4.8	87	-1.5	1.9	2.92	86	2.12	3.05	0.95	2561	G
33	S-S-I BOOKEM MORGAN-ET	TR TP	99	I	7HO11383	54	63	1577	152	99	2.8	7	96	2.1	3	1.53	98	1.18	1.02	0.39	2560	G
34	SLO-TRAIN ALTACAIN	TR TP	100	NA	11HO11337	36	73	641	161	98	2.66	6.1	88	1.2	3.4	1.43	94	1.74	0.99	-0.72	2560	G
35	SPRUCE-HAVEN STOIC-ET	TP TC	99	I	1HO11048	68	43	1701	159	99	2.74	7.2	88	2.9	1	1.74	95	2.22	1.3	-0.24	2560	G
36	VIEW-HOME MANDATE-ET	TR TP	100	NA	200HO10196	51	79	1690	178	90	2.7	6.8	85	1.5	2.2	1.71	86	1.18	-0.17	-0.7	2560	G
37	REGANCREST BRIGHAM-ET	TR TP	100	NA	200HO10079	14	44	580	67	96	2.84	8.4	87	1.2	6.2	2.79	93	2.77	1.88	0.48	2558	G
38	S-S-I SHAMROCK MYSTIC-ET	TR TP	100	NA	7HO11395	43	62	1093	143	96	2.72	8.6	86	4.9	5.9	0.56	91	0.29	-0.3	0.01	2558	G
39	CO-OP PRINCETON-ET	TP TC	99	I	1HO11881	71	96	2252	220	94	2.71	5.3	86	2	-1.8	1.51	85	1.52	-0.15	-0.05	2557	G

40	LONE-OAK-ACRES ALTAROBLE-ET	TR TP	100 NA	11HO11380	35	39	979	95	97	2.71	6.7	87	0	3.8	2.68	95	3.11	1.74	0.42	2557	G
41	MR OCD ROBUST DONATELLO-ET	TR TP	100 NA	7HO11525	48	74	1180	182	99	2.9	5.3	95	2.7	3.1	1.06	98	1.26	0.85	-1.31	2555	G
42	COGET SUPERSHOT	TV TL	100 NA	224HO02881	68	48	2246	137	98	2.77	8.7	87	2.4	2.4	1.34	97	0.94	0.73	1.25	2552	G
43	MORNINGVIEW MCC KINGBOY-ET	TR TP	99 I	7HO12198	43	49	1373	97	99	2.7	4.4	89	-1.2	2.7	3.25	99	2.65	1.26	1.96	2552	G
44	S-S-I SNOWMAN MAYFLOWER-ET	TR TP	100 NA	7HO11621	82	56	2653	178	99	2.8	4.5	93	3.8	1.9	0.95	97	0.67	0.96	0.34	2552	G
45	CO-OP DAY TWINKIE-ET	TP TC	99 I	1HO11425	63	75	2428	183	98	2.72	7.4	88	1.6	2.1	1.13	91	1.53	-0.75	-0.78	2551	G
46	VIEW-HOME MONTEREY-ET	TC TV	99 I	29HO16955	38	49	704	117	99	3.01	6.1	88	0.9	2.2	3.34	97	2.82	1.68	0.5	2549	G
47	RICHMOND-FD EL BOMBERO-ET	TR TP	100 NA	200HO03950	35	65	1479	111	99	2.56	7.6	89	0.5	3.1	1.97	98	2.01	0.43	1.06	2548	G
48	MR MOVIESTAR MARDI GRAS-ET	TR TP	100 NA	534HO00025	35	65	605	131	97	2.95	5.9	88	0.1	3.8	1.86	96	2.87	0.96	0.7	2546	G
49	SANDY-VALLEY GRAM-ET	TR TP	100 NA	200HO09137	32	87	937	161	93	3.08	5.3	87	0	2.3	2.3	91	2.14	2.19	-0.4	2545	G
50	WEBB-VUE SPARK 2060-ET	TR TP	100 NA	7HO12418	66	65	2427	161	94	2.7	7.3	86	1.6	0.3	1.6	91	1.65	0.19	0.47	2539	G
51	APRILDAY EQUINOX 654-ET	TR TP	99 I	14HO07426	37	100	710	184	90	2.66	8	86	3.2	1.6	0.65	86	1.09	0.39	0.21	2537	G
52	KINGS-RANSOM REBEL	TC	99 I	29HO17561	51	71	1664	178	91	2.95	7.8	86	2.8	2.4	1.22	87	1.48	0.73	-1.52	2534	G
53	LADYS-MANOR GREGARIOUS-ET	TR TP	100 NA	7HO12157	45	78	1028	158	98	3.13	3.9	88	-2.5	2.9	1.96	93	2.38	2.02	0.87	2534	G
54	MR UNO DESIGN 1428-ET	TC TV	100 NA	151HO00693	44	51	1173	134	88	2.57	8.4	85	2	2.8	1.75	85	2	0.48	-0.4	2534	G
55	SANDY-VALLEY SALOON-ET	TR TP	100 NA	200HO02792	76	85	2251	194	99	3.03	0.9	94	-1.3	-0.3	2.75	98	1.25	1.03	1.69	2527	G
56	ZIMMERVIEW MOGUL BUTLER-ET	TR TP	100 NA	7HO12195	62	52	1809	153	98	2.89	6.8	88	1	2	1.51	93	1.16	1.74	0.07	2526	G
57	KP-ACK ALTALEGAL-ET	TR TP	100 NA	11HO11419	55	82	1624	188	94	2.75	5.9	87	-0.2	0.4	1.23	87	1.84	0.9	-0.49	2525	G
58	DE-SU 11236 BALISTO-ET	TC TV	99 I	29HO16714	66	73	893	203	99	2.7	5	92	-1.4	-0.4	1.62	99	1	1.66	0.2	2524	G
59	T-SPRUCE ALTAJAKE-ET	TR TP	100 NA	11HO11422	26	32	1112	72	96	2.69	8.2	86	1.8	5.3	2.28	94	2.23	1.96	-0.12	2520	G
60	LONE-OAK-ACRES ALTARABO-ET	TR TP	100 NA	11HO11379	37	69	844	141	96	2.7	5.1	86	-1.5	1.3	2.19	94	2.87	1.49	0.26	2519	G
61	DE-SU SS HONEYBEE 11569-ET	TR TP	99 I	7HO12212	48	69	1419	148	99	2.81	6.2	88	1.7	2	1.77	95	1.27	0.39	0.6	2517	G
62	FARNEAR-BH MR MCGIRT-ET	TR TP	100 NA	7HO12131	53	72	1996	137	97	2.8	3.8	88	-2.8	1.2	1.81	93	2.01	1.96	1.68	2517	G
63	S-S-I SUPERSIRE TETRIS-ET	TR TP	99 I	7HO11985	62	87	1989	195	93	2.81	6.8	87	2.5	0.5	0.75	89	0.85	0.01	0.01	2517	G
64	PLAIN-KNOLL DONA BAYONET-ET	TR TP	100 NA	7HO12236	46	52	1327	129	97	2.96	7	87	4.9	3.7	1.7	94	1.9	0.75	0.23	2516	G
65	S-S-I MOGUL MULTIPLY-ET	TR TP	99 I	7HO11915	23	54	33	107	95	2.78	7.3	85	1.6	3.6	1.31	92	2.43	2.84	0.53	2514	G
66	CO-OP DAY TAURINO-ET	TP TC	99 I	1HO11427	34	66	806	141	99	2.79	7.6	88	1.2	2.7	1.63	91	2.56	0.78	-0.41	2511	G
67	DE-SU MGL GARZA 11388-ET	TR TP	100 NA	7HO12024	36	61	1010	113	95	2.82	5	88	0.4	1.7	2.26	93	2.64	2.07	1.34	2508	G
68	MAPEL WOOD BREWMMASTER-ET	TR TP	100 NA	250HO01009	34	98	882	169	97	2.76	4.6	91	-0.6	2	1.62	94	1.12	1.14	0.52	2506	G
69	PATOM HEADLINE ZYKE 6479-ET	TR TP	100 NA	14HO07387	49	58	1489	144	94	2.81	6	87	3.1	2.2	1.45	89	1.74	1.2	-0.17	2506	G
70	SEAGULL-BAY MVP-ET	TC TV	100 NA	29HO16888	42	68	534	157	98	2.85	5.2	90	-0.3	1.6	1.94	95	2.28	1.46	0.15	2506	G
71	DE-SU 11620 NIRVANA-ET	TC TV	100 NA	29HO16887	64	65	1760	172	96	2.73	5.3	88	-0.5	-0.1	1.64	89	1.89	0.9	0.23	2505	G
72	WELCOME SS PETERPAN-ET	TR TP	99 I	7HO12255	76	112	2346	241	97	3.07	2.7	88	-2.1	-0.9	1.25	93	-0.05	0.8	0.55	2505	G
73	LADYS-MANOR OCTOBERFEST-ET	TR TP	99 I	200HO06676	53	61	1841	126	92	2.54	7.3	86	2.6	0.7	1.5	88	1.5	1.04	1.73	2503	G
74	MOUNTFIELD SSI DCY MOGUL-ET	TR TP	100 NA	7HO11314	40	78	1236	159	99	3	3.9	99	-3.5	0.4	2.2	99	3.09	2.29	-0.38	2503	G
75	SULLY ROBUST MONOCEROTIS-ET	TR TP	100 NA	7HO11839	55	56	1691	167	95	2.91	6.5	86	1.9	2.5	0.91	93	1.33	1.23	-1.6	2503	G
76	ST GENOMICPRO DOC-ET	TC TV	100 NA	151HO00656	39	76	1193	158	97	2.78	6.6	87	2.7	3	1.26	88	0.74	0.53	-0.59	2501	G
77	UNITED-PRIDE MOGUL MAGNATE	TP TC	98 I	1HO11097	59	57	1793	138	98	3.02	4.8	87	-0.5	1.1	2.11	92	2.34	1.49	1.29	2501	G
78	TRANQUILLITY AC PRIDE-ET	TV TL	100 NA	147HO02442	30	83	618	161	97	3.07	7.6	86	3.3	2.5	1.07	96	1.72	1.15	-0.67	2499	G
79	BACON-HILL MILTON-ET		100 NA	100HO11515	62	69	2293	177	94	3.12	3	87	-2.5	1	1.48	89	2.43	1.89	-0.86	2498	G
80	CO-OP MINTMAKER TRIVIA-ET	TP TC	99 I	1HO11562	39	90	854	176	99	2.93	6.1	88	2.9	2.9	0.82	90	1.07	-0.12	-0.02	2497	G
81	DE-SU PENLEY 11839-ET	TR TP	99 I	7HO12357	43	49	1167	106	90	2.33	9.1	85	1.6	2.8	1.13	86	0.93	0.89	1.52	2495	G
82	MR DELICIOUS LIONEL-ET	TR TP	99 I	200HO10034	56	67	1873	168	93	2.94	5.4	86	0.5	1.6	1.59	88	1.28	0.88	-0.68	2495	G

83	DE-SU 11530 CAPABULL-ET	TV TL	100 NA	29HO16940	39	63	1057	131	93	2.74	6.5	87	0	2.7	1.49	90	1.74	1.63	0.49	2494	G
84	DE-SU 11528 CAPTIVATE-ET	TC TV	100 NA	29HO16939	47	73	1054	173	93	2.9	2.8	87	-2	0.7	2	88	2.41	2.13	-0.61	2492	G
85	DE-SU MGL GREENWAY 11396-ET	TR TP	100 NA	7HO12026	59	78	1710	185	98	2.98	3.9	89	-2	1.3	1.76	97	1.12	1.39	-0.15	2491	G
86	S-S-I STERLING DAMARIS-ET	TR TP	99 I	7HO13093	45	43	1255	126	99	2.9	9.6	88	2.5	3.1	1.59	94	1.45	1.77	-0.51	2487	G
87	THREE-STAR CIVIC-ET	TC TV	99 I	29HO17625	35	33	957	88	93	2.55	8.4	87	2.3	4	1.84	89	1.35	1.43	0.41	2487	G
88	SANDY-VALLEY JUMP START-ET	TR TP	99 I	566HO01197	66	76	2132	175	90	2.89	5.5	86	1.5	0.1	1.53	86	0.58	0.68	0.92	2484	G
89	NO-FLA ALTAEDITION-ET	TR TP	99 I	11HO11391	57	65	1359	180	98	2.86	7.6	87	2.3	3.4	-0.13	91	0.4	-0.25	-0.86	2483	G
90	CO-OP ROBUST YOOHOO-ET	TC TV	100 NA	1HO10579	31	43	514	109	99	2.99	7.5	96	4.1	5.9	0.71	94	1.39	1.53	-0.29	2482	G
91	GLEN-D-HAVEN ALTAHOTROD	TR TP	100 NA	11HO11493	54	65	1631	146	93	2.95	3.8	86	1.1	1.9	2.25	85	1.46	1.22	0.95	2482	G
92	RI-VAL-RE RAGER-RED-ET	TP TV	99 I	7HO12344	47	62	1400	133	94	2.86	5.8	86	1.6	1.9	2.14	87	1.69	1.26	0.99	2481	G
93	S-S-I SUPERSIRE MARQUEL-ET	TV TL	99 I	7HO13038	53	40	1563	124	90	3.12	8.1	86	2.7	3.1	1.35	86	1.75	1.22	0.09	2480	G
94	CO-OP MOGUL STAMINA CRI-ET	TP TC	100 NA	1HO11541	31	73	752	142	98	2.74	4.9	88	-2.7	1.7	1.71	90	2.44	1.71	-0.19	2479	G
95	MATT-DARI MOGUL PAYTON-ET	TR TP	100 NA	14HO07340	44	49	1022	125	98	2.66	5	87	-2	3.4	1.37	94	2.16	0.43	0.36	2479	G
96	DEBOER AMARILLO CRI-ET	CD TP	100 NA	1HO11725	51	47	1610	120	93	2.8	6	87	0.8	2.7	1.57	87	1.51	1.19	0.75	2478	G
97	BACON-HILL MILSON-ET	TR TP	100 NA	7HO12186	69	57	2289	182	95	2.97	3.4	87	-2.7	-1	2.37	91	2.35	1.76	-1.41	2475	G
98	BRYCEHOLME SS BOASTFUL-ET	TC TV	100 NA	29HO17607	36	63	337	134	92	2.72	6.6	85	1.4	2.5	1.35	86	1.74	0.32	0.84	2475	G
99	DE-SU MG DAVINCI 11288-ET	TR TP	100 NA	7HO12014	44	70	689	152	99	2.76	4.9	88	-1.4	-0.3	2.16	96	2.56	1.84	0.83	2475	G
100	RICKLAND SUPERSIR BRUTUS-ET	TP TV	100 NA	1HO11070	55	65	1715	161	98	2.84	6.6	87	1.9	2.4	1.18	91	0.54	0.69	-0.21	2475	G
101	DE-SU ALTAGILCREST-ET	TR TP	100 NA	11HO11272	71	63	2700	175	98	3	4.6	89	0.9	0.4	1.51	95	1.68	0.77	-0.53	2471	G
102	DE-SU NOMINEE-ET	TR TP	99 I	200HO06528	47	48	1281	127	99	2.64	7.2	91	1.4	4.7	1.01	97	0.39	0.53	0.21	2471	G
103	APINA ALTAEMBASSY-ET	TR TP	99 NA	11HO11143	33	79	1699	114	99	2.61	6.4	92	1.2	2.7	1.19	97	1.13	0.46	1.55	2469	G
104	MR WELCOME SSI UNO TATUM-ET	TR TP	100 NA	7HO13022	43	52	1339	125	98	2.8	5.3	88	-1.6	2.6	2.5	95	2.05	0.77	0.02	2469	G
105	WELCOME SUPER PETRONE-ET	TR TP	100 NA	7HO11169	12	42	681	61	99	2.6	7.4	99	3.1	6.3	1.13	99	1.76	1.47	0.31	2469	G
106	AL-LEW MGL ACHILLES 1206-ET	TR TP	100 NA	14HO07400	27	54	425	110	92	2.72	6.2	87	-0.3	2.3	2.2	89	2.45	2.18	0.31	2468	G
107	CLEAR-ECHO ALTAPRIMO-ET	TR TP	99 I	11HO11369	44	66	813	162	94	2.79	6.8	86	0.5	2.9	0.91	85	1.25	0.52	-0.59	2468	G
108	DE-SU RENNIE 11023-ET	TR TP	100 NA	7HO11833	42	75	1252	171	95	3.04	6.5	87	3.9	1.4	1.13	93	1.94	0.29	-1.31	2468	G
109	LADYS-MANOR GRAF LA-BRON-ET	TC TV	99 NA	29HO16701	45	63	1247	150	99	2.76	5.8	91	2.3	2.5	1.11	97	1.37	1.05	-0.4	2468	G
110	MINNIGAN-HILLS DISNEY-ET	TR TP	99 NA	200HO10062	54	69	1574	146	91	3.03	2.5	86	-0.8	1.5	2.37	89	1.63	1.22	1.5	2467	G
111	BOMAZ ALTAENTRUST-ET	TR TP	100 NA	11HO11314	34	68	327	150	99	2.74	5.4	88	1.9	3.9	0.77	93	0.68	1	-0.19	2466	G
112	S-S-I YANCE IRONBACK-ET	TR TP	100 NA	7HO13111	42	72	1216	141	94	2.94	6.2	87	0.3	4.2	0.52	85	1.12	0.01	0.83	2466	G
113	TAG-LANE MILKSHAKE	TC TV	96 I	29HO17518	36	76	660	161	94	2.87	6.4	86	-0.1	3.9	0.75	87	0.85	1.12	-0.44	2466	G
114	MR OCD EPIC DRAGONHEART-ET	TR TP	100 NA	7HO12111	43	49	1869	117	94	2.91	7.5	84	3.5	2.1	1.87	87	2.24	1.01	-0.44	2465	G
115	REGANCREST MATHEO-ET	TR TV	100 NA	200HO09139	55	78	1746	152	90	2.81	2.6	85	-0.4	-1	2.87	87	2.04	1.51	1.79	2463	G
116	KERNDTWAY KINGPIN-ET	TR TP	99 I	7HO12228	34	58	767	101	97	2.65	5.1	87	0	1.8	2.71	96	1.92	1.24	2	2462	G
117	SANDY-VALLEY DREAMWEAVER-ET	TC TV	99 I	29HO17576	37	24	1230	64	93	2.74	8	86	3.2	3.8	1.96	87	2.22	0.87	1.25	2462	G
118	VIEW-HOME POWERBALL-P-ET	PC TC	100 NA	534HO00031	55	41	978	143	97	3.02	3.4	87	-0.5	4.2	1.95	95	1.45	0.21	-0.1	2462	G
119	NO-FLA ALTAENTRY-ET	TR TP	99 I	11HO11448	44	48	1353	119	97	2.88	9.3	87	5.1	4.7	-0.08	88	0.61	0.26	0.26	2461	G
120	JENNY-LOU MCUTCHEM CRANK IT	TR TP	99 I	14HO07461	43	56	968	111	94	2.63	4.5	87	-1	0.9	2.37	91	2.05	1.57	2.17	2460	G
121	S-S-I MASSEY MACHETE-ET	TV TL	100 NA	7HO13065	43	59	1333	123	95	2.7	6.2	87	1.7	3.8	0.95	86	0.73	0.96	0.96	2455	G
122	WINNING-WAY MADEA-ET	TC TV	100 NA	29HO16845	45	58	2144	133	97	2.84	6.9	88	3	2.3	1.4	91	1.06	1.31	-0.93	2450	G
123	DE-SU MALLINGER 11384-ET	TR TP	100 NA	7HO12095	45	82	1486	181	98	3.06	3.4	88	-0.4	0.4	1.76	94	1.79	1.63	-1.27	2446	G
124	MELARRY ROBUST MILES-ET	TR TP	100 NA	7HO11836	46	83	1006	195	99	2.98	3.8	91	0.4	0.6	1.15	97	1.39	1.4	-1.46	2446	G
125	SANDY-VALLEY STERLING-ET	TR TP	100 NA	7HO11585	59	49	1840	138	99	3.18	5.8	97	2.7	1.5	2.04	98	1.25	1.58	0.47	2445	G

126	SEAGULL-BAY HEADLINER-ET	TR TP	100 NA	7HO11419	63	72	1797	175	99	3.17	1.9	98	-1.4	0.3	2.23	99	1.71	1.84	0.53	2445	G
127	EVEN-PAR ZUMA	TV TL	100 NA	29HO16607	58	67	1337	195	94	3.18	5.4	84	1.9	1.2	0.6	89	0.92	1.46	-1.68	2443	G
128	SULLY MUNITION-ET	TR TP	100 NA	200HO03859	44	51	1052	137	98	2.87	6.4	88	1.7	3.6	1.01	95	1.16	0.33	-0.45	2443	G
129	EDG DEMAN-ET	TR TP	100 NA	534HO00026	34	69	342	130	94	2.98	3.5	86	-4.6	0.4	3.16	92	2.75	2.87	1.43	2438	G
130	BUSH-BROS MOG FAIRFAX-ET	TR TP	99 I	14HO07349	38	63	881	147	95	2.86	6.1	87	-0.5	2.4	0.8	87	1.63	1.53	-0.73	2436	G
131	LE-O-LA MOGUL GAMBLER	TR TP	100 NA	14HO07303	31	35	1143	87	98	2.74	6.8	86	-0.5	1.7	2.16	95	3.04	2.23	-0.25	2436	G
132	MICHIGAN BUMBLEBEE-ET	TP TC	99 I	1HO10838	35	77	1139	126	96	3.07	5	85	0	1	2.08	94	1.77	2.38	1.58	2435	G
133	SCHILLVIEW SS GRUNT-ET	TR TP	98 I	14HO07454	57	89	1389	200	91	2.84	3.7	86	-1.2	0.5	0.88	86	0.8	0.15	-0.04	2435	G
134	EDG TENACITY-ET	TR TP	100 NA	200HO10032	24	43	627	85	92	2.66	5.7	87	-0.9	2.2	2.31	89	3.25	1.99	0.43	2434	G
135	CO-OP RAINIER-ET	TP TC	100 NA	1HO10559	48	85	1651	177	99	2.83	5.8	96	2.2	2.3	0.33	95	0.35	-0.24	-0.43	2433	G
136	GILLETTE SGO MYSFACE-ET	TR TP	100 NA	200HO10003	43	76	1386	175	96	2.93	6.2	87	0.7	1.8	0.8	93	1.26	0.44	-1.61	2431	G
137	FURNACE-HILL M SUPERIOR-ET	TR TP	100 NA	7HO12248	32	58	1145	129	96	2.98	6.7	88	0.5	2.1	1.85	91	2.5	0.81	-1.09	2429	G
138	S-S-I UNO MISTER-ET	TR TP	99 I	7HO13011	25	53	462	101	91	2.62	7.9	87	1.8	4.7	1.24	85	0.81	0.11	0.56	2427	G
139	TAG-LANE SUDAN JAROD-ET	TC TV	98 NA	29HO16862	62	81	1500	199	94	2.99	5.1	86	2.7	-0.1	0.99	88	0.83	-0.04	-0.19	2425	G
140	MELARRY PETRONE FLORES-TW	TR TP	100 NA	7HO12126	25	13	947	29	94	2.81	9	85	3.5	6.6	1.85	92	1.13	2.09	1.51	2424	G
141	SANDY-VALLEY EMERO-ET	TR TP	100 NA	200HO10038	34	61	738	100	93	2.71	6.3	87	2.1	2.6	1.99	91	1	0.86	2.43	2424	G
142	CO-OP UPD GREATEST LIFELONG	TP TC	100 NA	1HO11025	55	72	2132	160	98	2.68	5.7	88	2.3	0.2	1.13	92	0.35	0.92	-0.07	2422	G
143	WILRA TYRONE-ET	TC TV	99 I	29HO17658	31	58	1003	126	92	2.55	9.9	86	3.9	2.7	0.08	86	0.62	0.62	-0.8	2416	G
144	DYMETHOLM S SYMPATICO-ET	RC TP	100 NA	200HO02828	38	65	1558	138	99	2.77	4.6	96	1.5	1	1.6	98	1.83	1.2	-0.82	2415	G
145	L-L-M-DAIRY PRESIDENT-ET	TR TP	99 I	200HO06540	34	40	1029	108	99	2.78	8.2	88	2.4	3.8	1.57	98	1.17	0.28	-0.75	2411	G
146	S-S-I SUPERSIRE FREEDOM-ET	TR TP	100 NA	7HO11981	48	68	1317	166	93	2.84	5.6	87	1.5	0.8	0.89	88	1.1	0.84	-0.77	2410	G
147	OCD MCCUTCHEN DAREDEVIL-ET	TR CD	99 I	7HO12184	34	48	991	110	93	2.68	4.7	87	1.1	1.2	2.41	88	2.26	1.05	-0.04	2409	G
148	LEADERWIN MUSCADET-ET	TR TP	100 NA	200HO09136	37	42	659	110	97	2.88	7	87	-0.7	2.6	1.82	95	2.12	1.28	0.29	2408	G
149	SIEMERS MOGUL PETY	TR TC	100 NA	7HO12139	38	44	1204	111	99	3.03	5.1	88	-0.4	1.1	2.36	96	2.93	1.56	-0.26	2406	G
150	SULLY ALTAMERCI-ET	TR TP	100 NA	11HO11283	53	65	1649	163	99	2.91	4.5	94	3	1.8	0.31	97	1	0.22	-0.56	2405	G
151	BUSH-BROS ALTABGOOD	TR TP	98 NA	11HO11348	43	53	641	129	98	2.79	5.4	87	3	0.6	1.65	93	1.92	0.94	0.85	2404	G
152	ALTA ECHELON-ET	TR TP	100 NA	11HO11293	39	49	1251	111	98	2.88	3.5	87	-1.4	2.4	1.75	92	2.03	1.53	0.34	2403	G
153	CO-OP DD MOG SINBAD-ETS	TV TL	100 NA	1HO11095	24	62	530	119	94	3.04	4.9	87	-2.5	3.6	1.44	86	2.33	1.76	-0.24	2400	G
154	VELTHUIS LANIGAN-ET	TR TP	100 NA	200HO06622	34	98	386	198	96	2.89	3.7	87	-0.6	-0.8	1.38	93	1.53	1.1	-1.1	2400	G
155	SANDY-VALLEY BELMONT-ET	TR TV	100 NA	200HO03998	28	62	686	123	93	2.68	6	87	2.1	2.1	1.24	92	1.64	0.45	-0.12	2399	G
156	MORNINGVIEW MGL UPTOWN-ET	TR TP	100 NA	7HO12197	31	51	1204	82	94	2.56	3.9	87	-3.7	1.8	2.45	93	2.39	1.77	1.73	2398	G
157	CROTEAU LESPERRON UNIX-ET	TR TP	100 NA	200HO03913	28	49	913	93	97	2.83	3.3	88	-1.3	1.1	3.2	96	3.35	1.04	0.6	2393	G
158	GPAQUETTE RAYFULL-ET	TR TP	99 I	200HO06607	36	56	781	115	93	2.82	3.6	87	-1.5	1.5	2.18	92	1.88	1.91	0.99	2393	G
159	COYNE-FARMS BRONCO YENNY-ET	TC TV	100 NA	29HO16575	56	58	2021	136	95	2.66	5.6	86	-0.1	0.3	0.81	90	1.39	0.89	0.79	2392	G
160	WELCOME ARMITAGE PESKY-ET	TC TV	99 I	29HO16650	55	65	1085	172	99	2.83	2.5	91	-0.4	2.8	0.35	95	0.14	0.24	-0.17	2392	G
161	CLEAR-ECHO HEADLINER SAM-ET	TV TL	99 I	7HO12320	67	70	1584	195	93	3.15	2.9	87	-1	1.3	1.35	91	0.32	0.78	-0.34	2391	G
162	STANTONS MAIN EVENT-ET	TR TP	100 NA	250HO01127	19	36	206	76	96	2.83	6.7	86	0.9	3.7	1.77	95	2.43	2.06	0.27	2390	G
163	OCD SUPERSIRE LIGHTS OUT-ET	TR TP	100 NA	7HO12183	42	55	1240	116	94	2.67	6.3	87	1.2	2.3	1.48	90	1.07	-0.41	1.09	2389	G
164	J-MOR SS HUNK-ET	TR TP	100 NA	14HO07451	49	65	1023	139	92	2.92	4.7	85	1.6	1.9	0.88	85	0.71	0.36	1.64	2387	G
165	WELCOME SUPERSIRE PHOE-ET	TR TP	100 NA	7HO12253	36	64	1114	138	94	2.79	6.2	87	0.7	2	1.4	92	1.51	0.02	-0.53	2387	G
166	CO-OP AVENGER-ET	TP TC	100 NA	1HO11889	12	33	133	40	97	2.64	10.5	88	4	6.7	0.53	93	0.87	0.46	1.83	2386	G
167	CO-OP ROBUST JITTERBUG-ET	TC TV	99 I	1HO10738	22	57	88	125	99	2.86	5.1	94	2.4	4.7	0.26	95	0.9	0.94	-0.86	2384	G
168	STE ODILE PURE-ET	B/R TP	100 NA	200HO10024	56	53	1944	144	99	3.44	3.5	88	-1.1	2	1.87	98	2.02	1.09	-0.26	2384	G

169	AMIGHETTI NUMERO UNO-ET	TR TP	100 NA	200HO07450	3	50	-381	68	99	2.59	6.2	98	0.5	4.5	2.1	99	2.26	0.66	0.7	2381	G
170	COMESTAR LINEMAN-ET	TR TP	100 NA	200HO10000	19	38	236	84	95	2.57	4.5	86	-1.8	1.4	2.32	93	3.47	2	-0.22	2381	G
171	MR WELCOME HILL TANGO-ET	TC TV	100 NA	1HO10824	52	62	1961	147	99	2.96	2.4	97	-2.8	2	1.49	99	1.44	0.78	-0.23	2381	G
172	BOMAZ ALTAMACBOOK-ET	TR TP	99 I	11HO11256	37	38	920	118	96	2.64	6	85	0.6	2.7	1.07	90	1.09	1.58	-1.19	2380	G
173	GLENN-ANN PROVIDENCE-ET	TR TV	100 NA	200HO03987	23	38	1245	54	92	2.75	5.4	87	0.1	2.6	3.04	91	2.61	1.41	1.32	2379	G
174	SIEMERS MCCUTCH KIAN-ET	TR TP	99 I	7HO12222	41	44	1586	77	98	2.77	4.1	87	0.9	0.1	2.78	95	2.37	1.85	2.42	2379	G
175	MISTY SPRINGS AMAK-ET	TR TP	99 I	200HO02830	50	62	942	167	95	2.67	3.6	86	0.7	-0.3	1.17	92	1.34	2.01	-0.63	2377	G
176	PRIDE MOGUL TALLYHO 165-ET	TR TP	99 I	14HO07358	21	42	411	89	93	2.73	6.7	87	-2.8	3.8	1.13	89	2.16	2.07	-0.15	2377	G
177	DE-SU BKM MCCUTCHEN 1174-ET	TR TP	99 I	7HO11477	33	52	882	90	99	2.81	2.6	99	-2.1	0.2	3.19	99	2.37	2.05	2	2376	G
178	PINE-TREE ALTAOAK-ET	TR TP	99 I	11HO11202	54	63	1915	132	99	2.67	5.9	98	2.5	-0.9	1.39	99	1.11	0.59	1.49	2376	G
179	MR EVERGREENVIEW ALTADAY-ET	TR TP	100 NA	11HO11470	81	84	3401	204	93	2.96	3.3	87	-0.1	-1.5	1.23	85	0.28	-0.82	-0.15	2375	G
180	RMW ANCHOR-ET	TR TP	100 NA	200HO03883	32	82	1102	138	98	2.94	-1.2	88	-2.9	2	2.21	94	2.05	0.27	0.73	2375	G
181	CO-OP RB ROBUST YONEX-ET	TP TC	100 NA	1HO10802	40	21	914	105	94	2.6	9.3	85	4.7	4.4	-0.21	90	0.96	-0.25	-1.36	2374	G
182	SANDY-VALLEY SUTTON-ET	TR TP	100 NA	7HO11757	55	40	1624	117	95	2.95	5.3	86	2.3	1.6	1.6	93	0.84	1.35	0.87	2373	G
183	SEAGULL-BAY ALLSTAR-ET	TV TL	100 NA	97HO41052	44	73	1597	146	95	2.98	3.5	87	-2.1	-1.7	2.57	90	2.53	1.86	0.24	2373	G
184	BENNER BRIGHTLITE-ET	TV TL	100 NA	200HO02980	35	71	1036	131	96	2.72	5.1	88	-0.5	-0.1	1.37	93	1.99	0.99	0.73	2368	G
185	S-S-I SUPERSIRE NOVA-ET	TR TP	100 NA	7HO11984	39	50	1115	113	93	2.63	6.5	87	0.3	2.4	1.1	87	0.91	0.55	0.47	2367	G
186	WA-DEL MOGUL BLAKE-ET	TR TP	100 NA	566HO01215	18	50	143	76	91	2.58	5.6	87	-0.7	1.3	2.25	88	2.26	2.25	1.62	2364	G
187	OCD MCCUTCHEN FEARLESS-ET	TR TP	99 I	7HO12179	38	78	918	157	92	2.82	3.3	87	-1.3	-0.6	1.93	89	1.67	1.4	-0.01	2363	G
188	PEN-COL MERRICK	TC TV	100 NA	29HO17503	29	60	1148	104	95	2.77	0.8	87	-4.7	0.1	3.11	92	3.1	1.97	0.63	2361	G
189	NO-FLA ALTAEVERGLADE-ET	TR TP	100 NA	11HO11100	45	72	565	148	99	2.83	0.6	96	-1.2	2.3	0.56	92	0.25	1.39	1.71	2357	G
190	SULLY HART MERIDIAN-ET	TR TP	100 NA	200HO02770	52	35	2213	98	99	2.92	3.4	97	-3.1	0.6	2.96	99	2.65	0.56	0.55	2354	G
191	KENMORE ALL DAY-ET	RC TP	100 NA	14HO07485	34	57	1147	111	91	2.67	5.8	86	0.9	0.2	1.69	85	1.87	1.61	0.57	2353	G
192	DE-SU RANSOM-ET	TV TL	99 I	147HO02431	28	43	44	92	98	2.75	7.5	92	5.5	3.3	0.41	98	0.4	1.32	1.38	2352	G
193	UECKER LARGE JOCLAY-ET	TC TV	100 NA	29HO16947	43	56	1651	114	94	2.93	2.9	87	-0.2	-1.1	2.78	90	2.73	1.49	0.84	2348	G
194	TEEMAR SHAMROCK ALPHABET-ET	TV TL	99 I	29HO16593	35	30	890	109	99	3	8.3	91	4.3	6.4	-0.32	92	-0.54	0.65	-1.51	2347	G
195	ROCKYMOUNTAIN LOTTOMAX-ET	TR TP	100 NA	200HO10049	12	47	320	78	97	2.79	7.6	87	2.6	2.7	2.06	96	2.24	0.85	-0.03	2345	G
196	HARTLINE LINDELL-ET	TR TV	100 NA	76HO00693	30	12	629	50	94	2.98	7.5	87	3.4	4	2.34	92	2.01	1.49	0.95	2344	G
197	WA-DEL OSTYLE BARRET-ET	TR TP	100 NA	14HO07270	31	27	1334	52	92	2.77	4.8	87	0.4	3.1	2.18	89	1.8	2.06	1.46	2343	G
198	SYRYCZUK PETRONE MAD MAX-ET	TP TC	100 NA	1HO11094	27	9	785	37	98	2.63	7	87	2.9	2.9	2	92	2.39	2.02	0.98	2338	G
199	DE-SU 11006 REDWOOD-ET	TC TV	100 NA	29HO16546	50	61	1524	174	97	3.1	5.5	90	4.1	1	0.35	91	1.37	-0.48	-2.16	2337	G
200	SANDY-VALLEY TO TORPEDO-ET	TR TP	99 I	14HO06823	21	37	337	91	93	2.61	7.6	85	4.7	2.6	1.14	91	1.99	0.95	-0.71	2337	G
201	VIEUXSAULE MONTREAL-ET	TR TP	99 NA	200HO06594	34	69	1250	136	96	3.24	3	86	-2.2	1	1.71	89	2.52	1.39	-0.4	2337	G