

Lot	VID	Sire	Dam	BT	RT	Micron	CFWp	SD	CV	COMF	POLL														Top 1%	Top 5%	Top 10%	Top 20%	Top 30%	Top 50%
												SM	ML	PWT	YWT	YEMD	YFAT	YCFW	ACFW	YSL	YFD	EBWR	EBCOV	YWEC	LDAG	ERA	IMF			
1	250679	220108	220427	1	1	16.5	145	3.2	19.7	99.7	PP	155	140	11.9	15.5	0.7	0.0	17.7	14.1	12.4	-1.5	-0.7	-1.0	2.4	-0.66	0.05	-0.79			
2	250629	230680	220153	2	1	17.1	120	2.4	13.9	100	PP	161	145	9.9	12.7	1.3	0.6	29.1	19.3	14.2	-0.8	-1.1	-0.1	48.5	-0.79	0.04	-0.55			
3	250371	RP 230180	200690	2	2	16.7	125	2.6	15.5	99.7	PP	157	138	7.0	7.7	0.9	0.5	30.1	27.1	17.4	-0.9	-0.3	-0.2	-5.9	0.10	0.06	-0.52			
4	250480	230680	210612	2	2	16.4	110	2.6	16.1	99.9	PP	141	129	7.9	10.2	2.1	0.9	21.6	18.0	13.9	-0.8	-0.6	0.2	49.9	-0.62	0.00	-0.14			
5	250574	CP 221113	210446	2	2	16	117	2.5	15.8	99.8	PH	157	147	10.0	12.5	1.5	0.9	20.9	14.6	17.4	-1.5	-0.9	-0.3	1.3	-0.13	0.06	0.07			
6	250053	230680	200169	2	2	18	112	3.1	17.2	99.6	PP	145	132	5.6	8.9	2.6	1.6	30.4	26.2	15.0	-0.4	-0.1	0.4	64.0	-0.45	0.05	0.03			
7	250406	230680	210613	2	2	17.7	104	2.7	15	99.8	PH	150	138	11.2	15.0	1.7	0.3	22.7	16.6	12.7	-0.8	-0.8	-0.6	20.0	-0.52	0.04	-0.69			
8	250522	RW 230187	230926	2	2	16	116	2.8	17.6	99.8	PH	157	135	8.2	11.3	1.7	0.9	33.1	18.5	16.8	-1.6	-0.6	-0.2	-29.0	-0.20	0.04	-0.58			
9	250235	230680	220651	2	2	17.5	115	2.8	15.7	99.7	PP	146	131	7.8	10.8	2.0	0.6	23.7	17.4	11.6	-0.9	-0.8	-0.2	20.5	-0.31	0.02	-0.83			
10	250526	CP 221113	220071	2	2	17.5	125	2.9	16.6	99.6	PP	159	145	6.7	8.6	1.8	0.9	24.4	19.2	18.6	-1.2	-0.7	-0.3	-1.6	-0.16	0.08	-0.16			
11	250358	CP 221113	190071	2	2	17.8	131	2.9	16	99.6	PP	159	143	8.3	9.5	0.3	0.1	29.2	26.2	19.5	-0.9	-0.2	-0.1	-22.2	0.17	0.06	-0.39			
12	250238	230680	211032	2	2	17.3	99	2.6	14.8	99.9	HH	155	144	9.1	11.5	1.8	0.7	29.0	22.6	15.6	-0.9	-0.8	0.0	17.5	-0.39	0.03	0.23			
13	250329	230680	180227	2	2	16.8	106	2.6	15.2	99.7	PP	145	129	6.5	10.2	1.4	0.3	22.1	19.6	13.5	-1.1	-0.1	0.0	-22.2	-0.52	0.06	0.08			
14	250591	RP 230180	230561	2	1	17.3	123	2.5	14.6	99.9	PH	165	139	8.5	10.3	0.6	-0.9	26.8	21.3	12.4	-0.9	-0.8	-0.2	13.5	-1.00	0.05	-1.28			
15	250415	CP 221113	220003	2	1	15.4	128	2.7	17.3	99.8	PP	158	146	9.7	11.7	0.6	0.2	23.6	19.4	10.3	-2.1	-0.2	-0.1	29.6	0.25	0.02	-0.37			
16	250143	230872	220005	2	2	17.1	107	2.5	14.4	99.8	PH	153	136	7.7	11.5	0.3	0.2	23.6	23.9	10.2	-1.2	-0.4	-0.5	13.4	-0.52	0.06	-0.64			
17	250141	RP 230180	230674	2	2	16.2	99	2.6	15.9	99.5	PP	162	144	8.6	10.0	-0.4	0.3	28.6	22.2	15.8	-1.8	-0.5	-0.5	5.5	-0.09	0.01	-0.26			
18	250540	230872	210125	2	2	17.5	118	2.8	15.8	99.6	PH	167	147	8.2	11.1	1.6	0.8	22.9	21.2	15.3	-0.6	-1.2	-0.2	-18.3	-0.18	0.07	-0.31			
19	250007	RW 230187	210275	2	2	16.1	121	2.5	15.5	99.8	PP	158	144	9.3	11.4	1.0	1.1	30.6	20.0	14.4	-0.9	-0.9	-0.1	-4.3	-0.37	0.07	0.04			
20	250188	230680	200950	1	1	17.7	104	2.6	14.7	99.6	PP	146	131	6.2	8.7	1.4	0.3	21.2	20.3	13.1	-0.4	-0.6	-0.1	-15.4	-0.55	0.04	-0.28			
21	250411	RP 230180	220883	2	2	17.3	131	2.9	16.5	99.6	PP	156	138	7.2	8.9	0.8	-0.1	23.1	25.6	14.8	-1.0	-0.6	-0.4	-32.3	0.14	0.04	-0.42			
22	250661	230872	230127	2	2	18.4	104	3	16.3	99.6	PP	144	136	7.2	9.4	2.8	2.7	18.9	19.8	15.1	0.2	-0.6	0.1	12.2	0.30	0.09	0.16			
23	250125	CP 221113	231073	1	1	16.5	135	2.8	17.2	99.3	PH	150	136	6.3	8.5	0.5	0.5	24.4	22.0	20.4	-1.1	0.0	0.0	11.6	-0.47	0.05	-0.35			
24	250105	230680	230574	2	1	16	92	2.5	15.5	99.8	PH	155	138	8.4	10.2	1.6	-0.4	21.3	22.3	8.9	-1.8	0.1	-0.2	-15.7	-0.29	0.04	-0.41			
25	250649	230680	230222	2	2	15.6	81	2.4	15.5	99.5	PP	157	139	9.7	12.1	1.9	0.6	21.0	19.1	14.2	-1.8	-0.7	-0.6	-21.6	-1.02	0.05	-0.10			
26	250653	CP 221113	220177	2	1	15.9	114	2.4	15.2	99.6	PH	153	146	8.8	11.0	3.2	1.5	18.5	12.8	13.3	-1.7	-0.5	-0.1	10.2	-0.04	0.06	0.46			
27	250710	230680	210276	1	1	17.5	75	2.5	14.3	100	HH	137	130	9.5	12.7	1.1	0.1	24.5	18.8	15.0	-0.2	-0.4	0.2	61.2	-0.49	0.04	-0.38			
28	250091	230680	190740	1	1	16.4	112	2.8	16.8	99.4	PH	140	136	6.3	9.8	1.4	1.3	15.9	13.2	15.2	-1.3	-1.1	-0.2	22.5	-0.38	0.05	0.45			
29	250246	CP 221113	210818	2	2	16.6	119	2.4	14.6	99.8	PP	156	145	7.0	8.8	0.9	1.0	25.6	21.8	15.8	-0.8	-0.5	-0.5	13.7	0.02	0.08	0.06			
30	250402	230872	230966	2	1	16.7	110	2.6	15.5	99.4	PH	155	137	7.7	11.1	1.5	0.8	17.6	19.4	6.6	-1.4	-0.6	-0.3	12.3	-0.67	0.03	-0.53			
31	250183	CP 221113	190169	1	1	15.8	116	3.1	19.3	99.9	PH	159	148	6.0	7.9	1.0	0.8	33.3	27.5	17.1	-1.3	-0.5	-0.5	5.5	-0.34	0.07	0.97			
32	250085	230680	220148	1	1	16.3	93	2.6	15.7	99.8	PH	156	143	7.4	10.5	1.9	0.1	22.6	19.5	12.8	-1.8	-0.4	-0.2	17.7	-0.56	0.07	-0.05			
33	250585	RP 230180	230509	2	2	15.8	111	3	18.9	99.7	PP	164	143	9.1	12.5	0.2	-0.1	28.2	24.6	10.8	-0.8	-0.6	-0.6	-12.7	-0.36	0.07	-0.33			
34	250077	230680	230440	2	2	17.2	112	2.8	16.1	99.3	PH	142	129	8.5	12.2	0.6	-0.2	24.5	20.6	12.5	-1.3	-0.1	-0.1	15.9	-0.01	0.01	-0.27			
35	250319	RP 230180	220290	1	1	17.4	130	2.9	16.6	99.3	PP	145	133	7.9	10.5	-0.5	0.4	26.9	18.3	14.8	-0.2	-0.5	-0.6	50.5	-0.39	0.03	-0.09			
36	250026	230872	200676	2	2	16.7	111	2.9	17.5	99.3	PP	157	134	6.6	8.3	0.3	0.0	23.4	16.8	15.9	-1.3	-0.6	-0.1	-21.5	-0.45	0.07	-0.58			
37	250516	230680	211037	2	2	18.5	98	2.7	14.6	99.9	PP	153	132	5.5	9.4	1.7	0.5	34.5	26.9	15.4	-0.3	-0.5	0.1	1.4	-0.34	0.04	-0.50			
38	250074	220108	230090	1	1	14.2	90	2.9	20.2	99.9	PP	144	132	7.3	9.5	-0.5	-0.3	16.0	10.4	7.2	-3.2	-0.3	-0.3	-6.7	-0.43	0.04	0.35			
39	251420	220108	230545	1	1	16.9	123	2.4	14	100	PP	153	141	5.8	7.1	0.4	0.9	19.9	14.1	10.9	-1.7	-0.5	-0.8	34.2	-0.63	0.07	0.31			
40	250488	CP 221113	200584	2	1	17.5	99	2.7	15.2	100	PH	160	140	5.9	7.6	0.3	0.3	28.8	25.3	15.4	-0.6	-0.1	-0.4	-20.8	-0.28	0.05	-0.25			
41	250432	230680	210812	2	2	16.4	89	2.8	17.1	99.8	PP	136	127	7.0	10.0	0.1	-0.4	25.3	20.5	10.7	-0.8	-0.2	-0.4	-10.3	-0.08	0.02	0.06			
42	250530	230872	220333	2	2	16.6	116	2.7	16.5	99.6	PP	149	124	6.9	10.5	0.7	0.0	24.4	23.3	14.1	-0.8	0.0	-0.1	-6.9	-0.47	0.01	-1.43			
43	250307	230872	200061	1	1	17.2	128	2.8	16.2	99.6	PH	147	127	8.2	11.9	0.0	0.1	22.4	16.7	11.2	-1.2	-0.1	0.0	12.9	-0.36	0.04	-0.82			
44	251443	RP 230180	230224	1	1	16.4	123	2.5	15.2	99.7	PP	164	139	6.9	9.5	1.2	0.0	33.7	29.9	17.9	-0.8	-0.5	-0.6	17.1	-0.46	0.04	-0.63			
45	250539	230872	180643	2	2	16	113	2.6	16.3	99.7	PH	158	138	6.6	8.7	-0.1	0.7	22.5	24.0	19.1	-1.4	-1.0	-0.2	6.3	-0.47	0.05	-0.53			
46	250623	220108	230342	2	2	16.9	78	2.6	15.2	99.7	PP	153	143	8.3	10.5	0.6	0.3	11.1	9.3	6.3	-2.0	-0.5	-1.3	-8.7	-0.62	0.06	0.19			
47	250584	RP 230180	220243	2	2	16.5																								

Lot	VID	Sire	Dam	BT	RT	Micron	CFWp	SD	CV	COMF	POLL															Top 1%	Top 5%	Top 10%	Top 20%	Top 30%	Top 50%
												SM	ML	PWT	YWT	YEMD	YFAT	YCFW	ACFW	YSL	YFD	EBWR	EBCOV	YWEC	LDAG	ERA	IMF				
51	250698	CP 221113	230848	1	1	16.5	118	2.8	16.8	99.3	PP	148	134	7.1	9.5	0.5	0.8	25.5	27.3	14.9	-1.4	-0.2	-0.2	3.7	0.00	0.04	0.24				
52	250588	RP 230180	221081	2	1	17.7	114	2.7	15.5	99.7	PP	158	140	6.6	9.2	0.4	0.8	23.3	21.1	13.1	-0.6	-0.8	-0.3	-22.5	-0.17	0.04	-0.20				
53	250380	RP 230180	210436	3	3	16.3	95	3	18.2	99.2	PP	151	131	8.9	11.1	-0.2	-0.4	26.6	23.8	9.9	-1.5	-0.2	-0.3	-14.3	-0.59	0.01	-0.67				
54	250226	RP 230180	220883	2	2	15.9	121	2.3	14.4	99.9	PH	153	137	8.6	11.3	0.2	-0.4	20.0	21.2	15.2	-1.5	-0.6	-0.1	-13.5	-0.15	0.03	-0.36				
55	250552	230680	220934	2	2	17	95	3	17.8	99.6	PP	148	136	7.4	10.1	2.6	0.6	18.7	16.0	15.0	-0.9	-0.6	-0.1	-5.3	-0.25	0.07	-0.68				
56	250153	230872	190540	2	2	17.6	122	2.8	15.6	99.5	PP	148	132	9.4	12.3	-0.3	0.0	20.1	21.8	8.1	-1.3	-0.9	0.0	-27.4	0.00	0.03	-0.64				
57	250625	230680	220295	2	2	15.4	124	3.3	21.7	99.5	PP	164	144	8.8	11.5	1.0	-0.6	32.6	27.4	12.5	-1.7	-0.3	0.1	26.7	-0.33	0.05	-0.55				
58	250669	220108	230124	2	1	17.3	99	2.7	15.4	99.4	PP	139	139	8.9	11.6	1.7	1.2	11.0	6.9	7.9	-1.1	-0.9	-0.9	24.9	-0.18	0.04	0.52				
59	250316	RP 230180	230643	2	2	18.1	117	3.2	17.7	99.7	PH	165	147	12.1	14.3	1.1	0.4	17.5	17.3	11.6	-0.7	-0.9	-1.0	-49.0	-0.30	0.08	-0.47				
60	250740	220072	220178	2	2	16.4	89	2.8	17	99.6	PP	139	123	6.7	8.2	0.3	-0.3	16.7	17.1	13.1	-1.2	-0.7	-0.4	-23.9	-0.08	-0.01	-0.51				
61	250022	230680	230151	2	1	16.7	93	2.7	16.5	99.8	PP	147	135	7.0	9.4	1.9	0.5	20.3	20.2	13.9	-0.5	-0.8	-0.1	-5.1	0.18	0.02	-0.16				
62	250896	RP 230180	220383	2	2	16.9	96	3.1	18.5	99.4	PH	162	142	10.3	12.5	-0.9	-0.7	29.5	26.8	12.0	-0.9	-0.7	-0.4	-17.9	-0.01	0.03	-0.85				
63	250351	230872	230251	2	2	16.1	95	2.3	14	99.8	PH	157	134	6.1	10.0	2.0	0.7	15.0	8.9	13.4	-1.2	-0.9	-0.4	-20.0	-0.31	0.07	-1.33				
64	250893	230680	220792	1	1	17.6	112	2.4	13.4	99.8	PP	144	127	8.0	10.1	1.3	0.0	28.6	20.0	14.0	-1.0	-0.2	-0.5	8.2	-0.42	0.03	-0.63				
65	250301	230680	220942	2	2	17.5	126	2.9	16.7	99.7	PP	160	140	8.3	11.7	1.6	0.2	34.3	30.7	15.4	-0.8	-0.7	-0.1	35.4	-0.44	0.03	-0.69				
66	250640	230680	220644	2	2	16.8	89	2.7	15.9	99.7	PH	147	132	7.9	11.5	2.1	1.2	14.9	12.6	6.7	-1.3	-0.9	-0.2	4.5	-0.36	0.02	-0.43				
67	250736	230680	230997	2	2	17.1	113	2.6	15.3	100	PP	148	128	5.8	8.2	0.6	-0.1	29.5	29.3	14.5	-0.5	-0.4	-0.2	-16.4	-0.55	0.03	-0.28				
68	250441	CP 221113	220023	2	2	17.1	105	2.4	14.2	99.9	PP	149	136	6.3	7.4	1.9	1.0	21.3	20.2	15.1	-1.1	-0.6	-0.1	17.3	-0.16	0.02	-0.20				
69	250518	CP 221113	231005	2	2	17.3	106	3.1	17.9	99.8	PP	147	138	7.7	8.7	2.4	2.0	21.4	15.7	14.5	-1.2	-0.2	0.2	-13.9	-0.12	0.06	0.38				
70	250330	CP 221113	200017	2	2	17.4	122	2.6	15.1	99.6	PP	155	140	6.6	7.8	1.3	0.2	23.2	20.3	11.2	-1.0	-0.1	0.0	-15.2	-0.03	0.06	-0.29				
71	250291	230680	200985	3	3	16	91	2.4	15.1	99.7	PH	150	141	10.1	13.5	0.8	0.0	16.5	14.3	14.3	-1.6	-0.8	-0.1	23.1	-0.43	0.03	-0.30				
72	250417	RP 230180	230992	2	2	16.6	122	2.5	15.3	99.7	PH	169	146	9.9	11.6	0.0	-1.0	32.9	23.5	11.0	-1.4	-0.6	-0.7	-29.9	-0.09	0.02	-0.28				
73	250458	230872	230149	2	2	17.6	108	3	17.2	99.3	PP	160	137	6.7	8.4	1.2	0.4	21.7	15.4	14.9	-0.8	-0.8	0.2	-35.0	-0.28	0.04	-0.69				
74	250010	230680	190289	2	2	17.2	89	2.6	15	99.9	PH	148	135	7.2	9.8	2.7	1.3	18.0	14.3	15.2	-0.8	-0.7	-0.2	1.0	-0.15	0.08	-0.50				
75	250126	210974	230084	1	1	15	124	2.6	17.5	99.9	PP	147	136	5.6	7.9	1.0	-0.3	20.4	19.4	12.7	-1.5	-0.7	0.1	43.7	-0.64	0.06	-0.27				
76	250497	230294	220078	2	2	17.8	112	2.6	14.3	99.8	PH	145	133	5.5	7.9	-0.2	1.1	19.0	12.8	10.0	-0.7	-0.3	-0.6	-5.4	0.16	0.05	0.02				
77	250006	RP 230180	230019	2	2	17.9	131	3.1	17.5	99.6	PH	166	142	7.6	8.5	0.3	0.1	34.1	30.6	17.2	-0.5	-0.6	-0.4	-14.6	-0.34	0.04	-0.44				
78	250122	230680	200879	2	2	16.2	95	2.6	16	99.9	PP	143	129	4.8	8.5	0.9	0.2	14.8	14.6	4.3	-1.9	-0.3	0.1	-17.6	-0.13	0.06	-0.14				
79	250614	230872	220778	2	1	16.5	104	2.4	14.4	99.7	PP	159	138	7.2	8.6	1.1	0.4	17.3	13.1	11.5	-1.5	-0.7	0.0	-37.7	-0.28	0.04	-0.79				
80	250845	230680	230409	1	1	16.3	109	2.6	15.8	99.9	PP	143	128	6.8	9.5	0.2	-0.6	22.2	19.0	14.0	-1.0	-0.5	-0.4	28.2	-0.17	0.05	-0.86				
81	250863	220072	220353	2	2	16.7	89	3.3	19.6	99.7	PP	132	122	6.6	9.5	0.2	0.8	17.7	17.4	10.7	-0.9	0.2	-0.3	-7.2	-0.05	0.04	0.16				
82	250169	RP 230180	230019	2	2	16.5	114	2.5	15	99.8	PP	157	134	7.6	9.7	-0.7	-0.2	17.2	18.2	9.1	-2.3	0.0	-0.5	-41.9	-0.63	0.03	-0.06				
83	250592	230872	210821	2	2	16.1	117	2.6	15.9	99.9	PP	166	144	5.2	6.1	0.9	1.0	25.9	23.2	10.1	-1.5	-0.4	0.2	-18.5	-0.11	0.08	-0.26				
84	250452	230680	220830	2	2	17.7	110	2.6	14.5	99.9	PP	146	129	8.2	9.9	0.5	-0.4	28.5	23.9	13.4	-0.6	0.1	0.2	-3.6	0.26	0.00	-0.15				
85	250136	230680	220859	2	2	16.5	99	2.8	16.9	99.6	PP	150	139	9.2	11.4	0.5	0.6	30.3	22.2	10.3	-1.0	-0.7	0.4	15.5	-0.04	0.04	0.28				
86	250023	230872	200362	1	1	15.7	109	2.8	17.6	99.6	PH	154	138	6.9	9.8	0.7	1.3	18.2	16.4	10.7	-1.4	-1.0	0.2	-21.7	-0.17	0.05	0.00				
87	250419	CP 221113	231005	2	2	17.1	98	2.7	15.9	99.5	PP	160	148	10.7	12.7	2.3	0.9	14.3	12.5	13.7	-1.6	-0.8	-0.3	-27.4	-0.22	0.06	-0.36				
88	250819	230680	220559	1	1	16.1	118	2.4	14.9	99.8	PP	156	137	8.6	12.6	1.0	0.2	28.2	19.0	11.0	-1.8	-0.3	0.0	-21.7	-0.21	0.05	0.05				
89	250185	220108	210412	2	1	15.4	110	2.6	17.1	99.8	PP	154	139	5.7	7.1	0.9	-0.9	21.1	21.6	4.0	-2.2	-0.1	-0.7	36.7	-0.65	0.08	-0.41				
90	250176	RW 230187	210781	1	1	17.2	100	3.1	18.2	99.4	PP	158	138	7.0	8.3	0.6	0.4	33.9	23.8	14.0	-1.0	-0.3	0.0	52.8	-0.61	0.08	-0.60				
91	250228	RW 230187	230956	2	2	16	122	2.8	17.6	99.7	PP	156	135	7.4	9.1	0.8	0.3	33.8	23.0	13.5	-1.3	-0.6	-0.4	-18.6	-0.05	0.03	-0.13				
92	250869	RW 230187	231002	1	1	15.8	112	2.8	17.4	99.8	PP	159	141	6.6	7.5	0.4	0.0	27.8	22.2	12.2	-2.2	-0.5	-0.4	0.9	-0.20	0.06	-0.15				
93	250644	230680	190220	2	1	16.1	121	2.6	16.3	99.7	PP	159	145	11.4	14.4	0.9	-0.2	24.2	18.4	15.8	-1.4	-1.0	-0.2	34.2	-0.26	0.03	-0.74				
94	250338	RW 230187	220694	1	1	14.7	127	2.7	18.2	99.9	PH	155	132	7.6	9.7	-0.3	-0.1	27.6	19.5	4.7	-3.4	-0.1	-0.1	6.9	0.12	0.02	-0.50				
95	250645	RW 230187	220834	2	2	15.8	105	2.7	16.9	99.9	PP	171	144	7.8	9.1	1.0	0.8	34.1	25.1	10.3	-2.1	-0.6	0.2	-37.7	-0.45	0.06	-0.36				
96	250253	230680	210592	2	2	16.2	107	2.5	15.2	99.7	PP	147	135	10.1	13.0	1.1	-0.2	18.4	16.5	10.6	-1.9	-0.2	-0.1	20.7	-0.09	0.03	-0.42				
97	250283	220108	230709	1	1	15.7	126	2.2</																							