Analysis for Herd: **ABC**

ABC Pastoral Company

ABC Pastoral

Utilising BREEDPLAN EBVs from :

The Angus Society Of Australia

November 2012 Angus Australia BREEDPLAN

MateSel parameter file :

SPRING/SUMMER 2012 MATINGS

Interpreting Your MateSel Report

Deciding which bull is mated to which cow has a major impact on the rate of genetic improvement, inbreeding levels and overall profitability being achieved by a herd. MateSel enables breeders to optimise breeding outcomes by creating a suggested mating list based on candidate sires and dams.

MateSel is a valuable addition to the BREEDPLAN suite of tools by providing beef cattle seedstock producers with a guide for objectively optimising mating allocations to reflect their breeding goals and creating long term, sustainable genetic gains.

The MateSel report includes 5 main sections being:

1. **Run Parameters**
   The parameters and analysis details which underpin the MateSel run are listed including the herd, the run date and time, a description, a count of the candidate sires and dams, the selected breeding strategy and the target Selection Index.
2. **Sire Mating List**
   The optimised matings, sorted by sire (based on age), are listed in this section. The allocated dams for each sire are listed and sorted by society identifier. A count of the dams allocated to each sire is also noted. For each recommended mating the potential progeny's inbreeding coefficient and mid-parent Estimated Breeding Values (EBVs) and Selection Indexes are included. The first two columns include the inbreeding coefficient and target Selection Index.
3. **Dam Mating List**
   The optimised matings, sorted by dam (based on age), are listed in this section. The sire allocated is listed next to each dam. A count of all eligible candidate dams is noted. As with the Sire Mating List, for each recommended mating the potential progeny's inbreeding coefficient, mid-parent Estimated Breeding Values (EBVs) and Selection Indexes are included. The first two columns include the inbreeding coefficient and target Selection Index.
4. **Summary Information**
   For comparison, summary statistics for the candidate dams, candidate sires and potential progeny from the recommended matings are tabled. For each group the minimum, maximum, average, standard deviation and range is listed for the inbreeding coefficient, EBV and Selection Index values. The first two columns include the inbreeding coefficient and target Selection Index.

   Below the tabled statistics described above, the average inbreeding coefficient, EBV and Selection Index values are listed for the previous two calf drops (titled Herd Trends). The number of animals included in the statistics is listed in the brackets next to the calving year.

   Note: The average values listed for recent calving years in the MateSel report may differ from the average values listed in the genetic trends section of your BREEDPLAN herd report.

5. Effect of MateSel Strategy (Graphs)

A range of graphs representing the effect of the MateSel strategy are included in the MateSel report. These include:

- Effect of MateSel Strategy on BREEDPLAN EBVs and Selection Indexes:
  A graph for each BREEDPLAN EBV and Selection Index showing the distribution of values for the potential progeny compared to the candidate dams. The graph for the target Selection Index is listed first.
- Effect of MateSel Strategy - Potential Progeny Summary:
  Two graphs are included which express the potential change across the EBV and Selection Index values based on genetic Standard Deviation (SD) units. By standardising the changes based on SD units we can validly compare the outcomes of the MateSel strategy across all the EBV and Selection Index values. The first graph compares the potential progeny from the MateSel strategy to the candidate dams. The second graph compares them to the current Breed Average.
- Summary Information - Inbreeding % and Age Structure:
  Two graphs are included in this section. The first outlines the distribution of the inbreeding coefficients for the potential progeny compared to the candidate dams. The second graph shows the age structure through the sire and dam use (by year of birth) and number of potential progeny for each year group.

CSV File of Mating Allocations

For each MateSel run a .csv file of the mating allocations is provided. This file includes each mating allocation sorted by dam (based on age). For each recommended mating the potential progeny's inbreeding coefficient and mid-parent Estimated Breeding values (EBVs) and Selection Indexes are listed.

Further information on MateSel can be accessed from BREEDPLAN staff by contacting
E: matesel@breedplan.une.edu.au or P: (02) 6773 3555

DISCLAIMER:

Information contained in the MateSel report, and associated csv file, including but not limited to mating allocations, inbreeding coefficients, Estimated Breeding Values (EBVs) and Selection Index values, is based on data supplied by members and/or third parties. Whilst every effort is made to ensure the accuracy of this information, the Breed Society/Association and the Agricultural Business Research Institute (ABRI), their officers and employees, make no representations or warranties as to the accuracy or completeness of the information. The Breed Society/Association and ABRI disclaims all liability for all claims, expenses, losses, damages and costs any person may incur as a result of the information contained in the MateSel report, for any reason, being inaccurate, or incomplete in any way or incapable of achieving any purpose or desired outcome.

Run Parameters

ABC **ABC Pastoral** **January 11, 2013 12:01 PM**

MateSel Run Descriptor : **Spring/Summer 2012 Matings**

Candidate Animals : **15 Sires, 178 Dams {loaded from Breeder submitted CSV file}**

Breeding Strategy : **High Gain** **Target Index :** **Long Fed/CAAB**

Sire Mating List

ABC ABC Pastoral

January 11, 2013 12:01 PM

SIRES ID / Name — **DAMS** ID — **POTENTIAL PROGENY MID-PARENT VALUES**

SIRES ID	Name	DAMS ID	Prog. Inb. %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
ABCC574	ABC PASTORAL C574																							
		ABCV61	4.2	+127	+0.7	+0.4	-4.0	+3.7	+42	+83	+104	+94	+20	+2.3	-4.6	+62	+5.2	+1.0	+0.6	-0.1	+2.6	+91	+81	+77
		ABCV65	2.0	+112	+1.6	+1.3	-4.4	+2.5	+39	+80	+95	+81	+18	+2.3	-4.1	+59	+3.7	+1.1	+0.2	-0.2	+2.2	+82	+77	+67
		ABCZ5	2.4	+135	+0.5	-0.1	-5.8	+3.3	+43	+88	+107	+79	+19	+2.1	-5.2	+62	+6.5	+0.5	-0.1	+0.2	+2.5	+96	+88	+80
		ABCA73	3.6	+133	+1.0	-0.2	-5.0	+3.1	+42	+83	+101	+88	+22	+2.3	-5.2	+63	+5.7	+1.9	+2.0	-0.7	+3.1	+89	+81	+74
		ABCB93	3.0	+129	+0.2	+0.9	-4.7	+4.4	+46	+85	+108	+92	+21	+1.9	-2.4	+64	+6.0	+0.8	+0.4	+0.1	+2.4	+92	+82	+81
		ABCC35	2.9	+133	+2.0	+0.5	-6.2	+2.6	+43	+85	+103	+78	+19	+1.6	-4.7	+65	+6.2	+1.2	+0.5	+0.1	+2.7	+93	+86	+77
		ABCC130	3.3	+132	+1.1	+0.6	-6.0	+3.4	+42	+83	+104	+90	+20	+1.5	-3.4	+62	+6.5	+2.0	+1.9	-0.5	+2.8	+90	+81	+78
		ABCC174	3.0	+143	+2.0	+0.6	-6.4	+3.0	+45	+88	+112	+95	+23	+1.8	-4.4	+69	+6.4	+1.1	+0.8	-0.2	+2.9	+99	+88	+84
		ABCC183	3.5	+146	+1.0	+0.2	-5.7	+3.8	+49	+91	+121	+111	+23	+1.6	-3.5	+76	+7.2	+0.2	+0.1	+0.4	+2.9	+105	+90	+92
		ABCD99	2.7	+146	+1.2	+0.4	-4.1	+3.9	+47	+91	+114	+94	+23	+1.8	-4.6	+72	+7.3	+0.3	-0.1	+0.4	+2.8	+104	+93	+88
		ABCD160	3.0	+147	+1.9	+0.9	-3.8	+3.3	+45	+89	+115	+103	+20	+1.9	-5.1	+74	+6.8	+0.3	+0.2	+0.1	+3.1	+103	+90	+87
		ABCD184	3.4	+133	+2.1	+0.4	-5.3	+3.0	+40	+76	+97	+79	+19	+1.5	-3.9	+59	+6.6	+1.6	+1.4	-0.3	+3.0	+88	+77	+74
		ABCF18	3.0	+141	+2.0	+1.3	-5.4	+2.2	+46	+90	+110	+82	+22	+1.7	-4.7	+68	+6.0	+1.5	+1.2	-0.4	+2.9	+97	+90	+80
		ABCF78	2.8	+142	+0.7	+0.5	-5.3	+4.0	+47	+93	+114	+91	+20	+2.2	-4.8	+68	+6.4	+0.7	+0.6	-0.1	+2.8	+100	+91	+85
		ABCF84	2.4	+132	-0.7	+0.2	-5.6	+4.8	+50	+98	+120	+107	+20	+2.1	-4.3	+73	+5.3	+0.4	+0.5	-0.2	+2.5	+97	+90	+86
		ABCG34	2.2	+142	+1.6	+1.9	-5.7	+4.2	+51	+95	+121	+103	+20	+2.0	-4.2	+72	+5.7	+1.3	+0.7	-0.2	+2.5	+103	+91	+88
		ABCG51	2.9	+143	+1.5	+0.9	-5.5	+3.6	+47	+92	+113	+92	+23	+1.9	-3.8	+69	+7.7	+1.2	+0.9	+0.4	+2.6	+104	+95	+88
		ABCG53	2.9	+141	+2.0	+0.7	-5.9	+2.7	+46	+91	+110	+87	+23	+1.8	-3.4	+69	+7.4	+1.1	+1.0	+0.3	+2.7	+101	+94	+85
		ABCG54	2.9	+150	+1.1	+0.6	-5.9	+4.2	+52	+99	+123	+103	+23	+2.1	-3.3	+74	+7.7	+1.4	+1.1	+0.3	+2.7	+109	+99	+94
		ABCG56	3.4	+141	+1.1	+0.6	-5.2	+3.3	+46	+91	+111	+93	+21	+2.4	-5.1	+67	+6.0	+1.5	+1.5	-0.4	+3.0	+98	+89	+82
		ABCG91	2.0	+140	+1.0	+1.8	-5.4	+4.5	+50	+98	+120	+100	+20	+2.2	-4.7	+68	+5.5	+1.7	+1.1	-0.5	+2.6	+100	+93	+85
		ABCG98	2.9	+140	+2.9	+0.8	-5.0	+2.3	+47	+90	+111	+94	+22	+1.8	-4.1	+72	+6.7	+0.3	+0.1	+0.2	+2.8	+100	+91	+84
		ABCG101	2.9	+141	+0.6	+0.6	-4.6	+4.8	+51	+98	+123	+108	+18	+2.2	-3.8	+72	+5.7	+0.8	+0.2	-0.1	+2.6	+102	+92	+89
		ABCG113	2.5	+143	-0.6	-0.4	-5.1	+5.5	+53	+99	+125	+113	+17	+2.0	-4.6	+71	+6.0	+1.3	+0.9	-0.2	+2.9	+102	+90	+91
		ABCG120	3.0	+141	+0.2	+0.7	-5.0	+5.2	+48	+92	+116	+102	+19	+1.5	-4.2	+68	+7.1	+1.0	+0.6	+0.2	+2.8	+100	+90	+87
		ABCG123	3.2	+141	+0.9	+0.8	-5.6	+3.7	+48	+92	+117	+104	+21	+1.9	-4.2	+69	+6.2	+1.5	+1.3	-0.3	+2.8	+100	+88	+86
		ABCG126	3.2	+147	+0.6	+1.1	-5.3	+4.3	+50	+99	+122	+104	+21	+2.3	-4.9	+70	+6.2	+1.1	+0.9	-0.1	+2.9	+105	+95	+90
		ABCG145	3.3	+147	+1.1	+0.6	-5.8	+3.9	+52	+97	+124	+110	+22	+2.0	-4.4	+74	+6.2	+0.9	+0.8	+0.0	+2.9	+106	+93	+92
		ABCG211	3.2	+144	+0.6	+0.5	-5.5	+4.3	+48	+95	+117	+99	+22	+2.7	-4.7	+69	+6.6	+1.6	+1.4	-0.2	+2.9	+102	+93	+87
		ABCG237	3.0	+142	+1.5	+0.4	-5.6	+3.4	+45	+91	+114	+93	+21	+2.7	-4.7	+68	+6.3	+1.4	+0.9	-0.1	+2.8	+100	+90	+84
Avgs. for ABCC574 for 30 matings			3.0	+139	+1.1	+0.7	-5.3	+3.7	+47	+91	+113	+96	+21	+2.0	-4.3	+68	+6.3	+1.1	+0.8	-0.1	+2.8	+99	+89	+84
ABCD106	ABC PASTORAL DIPLOMAT D106																							

SIRES ID / Name — **DAMS** ID — **POTENTIAL PROGENY MID-PARENT VALUES**

SIRES ID	Name	DAMS ID	Prog. Inb. %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
ABCD106	ABC PASTORAL DIPLOMAT D106																							
		ABCX14	4.3	+127	+0.4	-0.6	-3.4	+5.0	+44	+77	+99	+85	+16	+2.4	-4.4	+58	+5.7	+0.0	+0.0	+0.1	+2.8	+87	+76	+75
		ABCZ28	2.5	+131	-0.8	-1.7	-3.6	+6.2	+45	+77	+97	+80	+13	+2.5	-5.6	+56	+6.9	+0.9	+1.1	-0.2	+3.1	+87	+75	+75
		ABCZ50	3.2	+133	-1.9	-1.8	-2.9	+7.2	+49	+88	+112	+101	+16	+2.4	-5.6	+63	+7.2	-0.5	+0.3	+0.4	+2.7	+96	+83	+86
		ABCB51	7.7	+145	-0.2	-3.8	-3.6	+6.9	+47	+83	+111	+94	+15	+2.2	-4.4	+62	+8.3	+0.3	+0.1	+0.4	+3.2	+97	+81	+87
		ABCC42	5.5	+137	-0.7	+0.7	-4.5	+6.3	+46	+85	+106	+94	+11	+1.5	-3.2	+65	+8.3	-0.4	-0.3	+0.7	+2.9	+95	+84	+85
		ABCC94	3.2	+142	+0.4	-0.7	-4.9	+5.4	+43	+80	+101	+84	+16	+2.3	-6.1	+52	+8.1	+1.5	+1.9	-0.1	+3.3	+95	+82	+80
		ABCE10	1.7	+122	+0.0	+0.6	-4.4	+5.3	+45	+83	+100	+90	+13	+2.0	-4.6	+62	+6.0	-0.3	+0.4	+0.1	+2.5	+88	+80	+76
		ABCE54	4.0	+132	-0.2	-0.1	-4.8	+4.3	+44	+82	+102	+87	+14	+1.8	-5.0	+63	+6.9	+0.4	+0.7	-0.1	+2.9	+90	+79	+78
		ABCE82	2.4	+132	-0.4	+0.0	-4.2	+6.3	+49	+89	+110	+97	+15	+2.4	-4.7	+65	+6.2	-0.4	+0.2	-0.1	+2.7	+93	+84	+81
		ABCF60	4.1	+129	-1.0	-3.1	-3.0	+6.3	+48	+86	+107	+103	+10	+1.9	-3.9	+62	+7.5	-0.2	-0.2	+0.5	+2.9	+91	+79	+84
		ABCF80	5.3	+146	+0.2	-0.4	-4.4	+5.6	+47	+90	+111	+93	+15	+2.4	-5.4	+62	+7.8	+0.8	+1.4	-0.2	+3.3	+99	+88	+85
		ABCG15	4.0	+147	-0.4	-0.5	-3.9	+6.1	+50	+93	+117	+101	+17	+2.6	-5.1	+69	+7.3	+1.1	+1.5	-0.5	+3.2	+99	+87	+87
		ABCG19	4.5	+149	+0.7	-0.8	-5.0	+5.5	+48	+87	+112	+90	+18	+2.0	-3.7	+65	+9.4	+0.2	+0.4	+0.8	+3.0	+104	+91	+91
		ABCG29	4.6	+141	+1.0	-1.8	-4.0	+5.3	+46	+87	+109	+93	+15	+2.7	-4.4	+64	+7.1	+0.6	+0.6	-0.1	+3.1	+96	+85	+83
		ABCG37	4.5	+148	+0.4	+0.5	-5.1	+5.6	+50	+95	+118	+110	+14	+2.3	-4.6	+71	+7.4	+0.4	+0.7	-0.2	+3.3	+102	+90	+89
		ABCG40	4.5	+142	-0.3	-1.0	-3.9	+6.2	+47	+87	+111	+105	+10	+2.8	-5.0	+66	+7.5	-0.3	+0.0	+0.4	+3.2	+98	+83	+86
		ABCG59	9.4	+140	+0.2	-1.8	-4.3	+7.2	+47	+82	+108	+96	+15	+1.7	-3.9	+60	+8.4	+0.2	+0.4	+0.4	+3.0	+96	+81	+85
		ABCG96	6.1	+140	-0.7	-0.6	-3.7	+6.3	+49	+85	+111	+98	+15	+2.1	-4.1	+62	+7.3	+0.3	+0.7	+0.1	+3.0	+96	+82	+86
		ABCG108	6.8	+145	-0.3	-0.5	-4.1	+6.5	+50	+89	+116	+104	+15	+2.2	-4.5	+65	+7.6	+0.7	+1.1	-0.1	+3.1	+100	+85	+89
		ABCG114	5.0	+141	+0.0	-1.0	-3.3	+5.8	+45	+86	+110	+98	+16	+2.5	-4.7	+64	+7.0	+0.4	+0.7	-0.3	+3.2	+94	+81	+83
		ABCG128	5.5	+149	+0.2	-0.9	-4.4	+5.9	+51	+89	+118	+107	+16	+2.1	-4.6	+68	+7.7	+0.0	+0.5	+0.3	+3.2	+104	+87	+91
		ABCG152	5.9	+146	+0.1	-0.7	-3.8	+5.3	+45	+82	+107	+87	+16	+2.2	-4.9	+62	+8.0	+0.3	+0.8	+0.0	+3.3	+97	+82	+83
		ABCG199	8.1	+141	+0.4	-1.4	-3.3	+5.8	+43	+80	+106	+97	+14	+1.8	-4.6	+63	+7.7	+0.1	+0.4	+0.1	+3.2	+94	+78	+83
		ABCG213	5.9	+141	+1.0	-0.4	-4.6	+4.8	+45	+78	+104	+87	+15	+2.0	-4.7	+59	+7.6	+0.6	+0.7	+0.1	+3.2	+94	+79	+81
		ABCG236	6.1	+147	+0.5	-1.0	-4.5	+5.9	+50	+87	+114	+97	+15	+2.1	-4.5	+67	+8.2	-0.5	-0.3	+0.6	+3.0	+103	+88	+90
Avgs. for ABCD106 for 25 matings			5.0	+140	-0.1	-0.9	-4.1	+5.9	+47	+85	+109	+95	+15	+2.2	-4.6	+63	+7.5	+0.2	+0.6	+0.1	+3.1	+96	+83	+84
ABCD145	ABC PASTORAL REGENT D145																							
		ABCW123	5.6	+141	+1.6	-0.8	-3.2	+4.6	+43	+74	+100	+79	+16	+1.9	-4.2	+59	+7.0	+0.9	+0.4	+0.1	+3.3	+92	+77	+78
		ABCY33	4.4	+133	+0.2	-3.3	-4.0	+5.4	+47	+88	+110	+104	+11	+1.9	-4.1	+69	+7.0	+0.9	+0.4	+0.0	+3.0	+92	+80	+83
		ABCZ31	6.0	+146	+2.1	-3.5	-3.9	+4.7	+48	+85	+108	+89	+15	+2.1	-3.4	+67	+7.9	+0.7	-0.2	+0.5	+3.3	+98	+85	+86
		ABCA18	4.2	+151	+1.6	+0.8	-3.1	+5.7	+49	+89	+113	+97	+16	+2.4	-4.5	+70	+7.5	-0.1	-0.4	+0.4	+3.2	+104	+91	+88
		ABCA23	5.6	+164	+0.8	-0.1	-5.6	+5.8	+51	+90	+120	+97	+17	+1.8	-5.5	+66	+9.1	+0.8	+0.6	+0.5	+3.5	+112	+94	+96
		ABCA31	3.2	+146	+1.1	+0.6	-3.1	+5.6	+49	+88	+112	+96	+13	+1.4	-3.5	+70	+7.7	+0.6	+0.3	+0.4	+3.0	+100	+87	+88
		ABCA133	3.5	+147	+0.4	-1.4	-3.3	+5.1	+49	+90	+115	+93	+18	+2.3	-4.8	+71	+7.9	-0.8	-1.1	+1.0	+2.9	+106	+92	+90
		ABCB57	2.3	+145	+0.9	+0.0	-3.3	+5.0	+48	+84	+107	+87	+12	+1.8	-5.4	+67	+7.2	+1.4	+0.7	-0.1	+3.3	+96	+83	+82
		ABCC39	6.4	+153	+0.3	+0.2	-3.3	+6.0	+51	+87	+116	+104	+14	+2.0	-4.2	+68	+8.5	+0.9	+0.8	+0.3	+3.4	+104	+86	+91
		ABCC103	5.7	+148	-0.4	-2.3	-3.1	+5.7	+47	+88	+112	+98	+14	+1.9	-4.2	+70	+8.1	+0.3	-0.6	+0.5	+3.4	+99	+86	+88
		ABCD8	5.2	+155	+1.9	+0.1	-5.0	+4.1	+48	+90	+110	+89	+14	+1.6	-5.1	+68	+8.4	+1.1	+0.7	+0.2	+3.6	+103	+92	+87
		ABCD135	5.9	+157	-1.2	+1.1	-4.8	+7.1	+55	+98	+127	+120	+9	+1.5	-3.9	+77	+8.5	+0.1	-0.5	+0.6	+3.5	+108	+92	+98

SIRES ID	Name	DAMS ID	Prog. Inb. %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
POTENTIAL PROGENY MID-PARENT VALUES																								
ABCD145	**ABC PASTORAL REGENT D145**																							
		ABCE58	2.6	+144	+0.5	+0.1	-4.1	+5.2	+50	+92	+115	+103	+15	+1.8	-4.5	+73	+6.9	+0.4	+0.2	+0.1	+3.1	+100	+88	+87
		ABCE65	4.8	+141	-0.5	-0.4	-3.6	+5.3	+48	+91	+113	+101	+13	+2.0	-3.4	+72	+7.3	+0.1	-0.1	+0.3	+3.0	+97	+86	+86
		ABCE68	4.8	+156	+0.6	-0.4	-3.8	+4.9	+50	+90	+117	+96	+18	+1.9	-4.8	+74	+8.4	+1.8	+1.6	-0.3	+3.5	+104	+89	+89
		ABCE112	3.5	+147	+0.2	-0.2	-5.0	+5.1	+51	+96	+115	+97	+16	+2.1	-4.8	+72	+7.1	+0.9	+0.9	-0.3	+3.3	+99	+92	+86
		ABCF1	4.3	+159	+1.7	+0.2	-4.8	+4.6	+49	+92	+117	+96	+16	+2.2	-4.6	+70	+8.7	+0.4	+0.2	+0.6	+3.4	+109	+95	+93
		ABCF73	4.7	+154	+1.4	-0.7	-2.6	+4.8	+50	+89	+113	+105	+13	+1.9	-4.5	+72	+8.7	+0.5	+0.5	+0.4	+3.7	+104	+89	+90
		ABCF88	3.2	+143	+0.1	-1.1	-4.1	+5.0	+49	+91	+111	+96	+15	+1.9	-4.8	+71	+7.1	+1.0	+0.9	-0.2	+3.3	+96	+86	+84
		ABCF96	4.6	+152	+0.0	-1.2	-3.7	+6.3	+52	+91	+125	+119	+15	+2.1	-4.2	+75	+7.5	-0.8	-1.5	+0.9	+3.1	+108	+88	+96
		ABCG4	6.7	+158	+1.2	-0.6	-5.0	+4.8	+53	+91	+118	+98	+16	+1.9	-4.6	+71	+8.2	+1.2	+0.9	+0.2	+3.5	+107	+91	+92
		ABCG5	5.0	+157	+0.0	+0.1	-4.5	+5.5	+48	+92	+117	+108	+8	+2.0	-4.3	+74	+8.6	+0.7	+0.4	+0.3	+3.8	+103	+88	+91
		ABCG49	5.0	+160	-0.3	+0.6	-4.7	+6.3	+55	+98	+127	+116	+12	+1.8	-4.6	+75	+8.1	+0.7	+0.3	+0.3	+3.6	+110	+94	+97
		ABCG60	8.8	+155	+0.1	+0.0	-3.5	+6.9	+51	+90	+117	+105	+15	+1.4	-4.2	+71	+8.7	+0.6	+0.1	+0.4	+3.5	+104	+89	+92
		ABCG68	8.7	+155	+0.9	-0.3	-3.7	+5.7	+51	+88	+114	+96	+16	+1.7	-4.1	+71	+8.3	+0.7	+0.2	+0.3	+3.5	+103	+89	+89
		ABCG110	6.1	+160	+1.5	+0.1	-3.3	+4.9	+49	+91	+116	+99	+15	+2.1	-4.8	+73	+8.4	+0.4	+0.1	+0.3	+3.7	+106	+93	+91
		ABCG124	4.0	+161	+0.9	+0.0	-4.0	+4.8	+50	+93	+120	+101	+16	+2.2	-4.9	+72	+8.3	+0.7	+0.4	+0.3	+3.6	+108	+94	+93
		ABCG125	5.5	+163	+0.4	-0.7	-4.1	+5.7	+55	+96	+127	+114	+17	+2.0	-4.4	+77	+8.3	+0.5	+0.3	+0.4	+3.6	+112	+94	+98
		ABCG155	3.7	+158	-1.0	-0.9	-3.3	+6.8	+57	+101	+129	+114	+16	+2.2	-5.3	+76	+7.8	+0.6	+0.6	+0.3	+3.4	+111	+95	+98
		ABCG196	3.6	+159	+0.9	-1.2	-4.2	+5.6	+52	+93	+120	+100	+15	+2.3	-5.6	+70	+8.4	+1.1	+0.9	+0.1	+3.5	+108	+92	+93
Avgs. for ABCD145 for 30 matings			4.9	+152	+0.6	-0.5	-3.9	+5.4	+50	+91	+116	+101	+15	+1.9	-4.5	+71	+8.0	+0.6	+0.3	+0.3	+3.4	+103	+89	+90
MAX16290873	**MAXIMUM PROGRESS**																							
		ABCZ61	3.0	+138	-0.1	+0.2	-3.0	+4.0	+42	+75	+95	+71	+19	+0.3	-4.4	+57	+7.9	+0.4	+0.6	+0.4	+3.2	+90	+80	+77
		ABCZ80	5.2	+119	-1.8	+0.5	-1.3	+4.6	+37	+70	+93	+85	+16	+0.5	-2.3	+52	+7.6	-0.4	-0.5	+1.0	+2.6	+82	+71	+75
		ABCA59	4.2	+129	+0.6	+1.2	-3.1	+3.4	+41	+77	+96	+75	+19	+0.8	-3.8	+57	+7.3	-0.5	-0.4	+0.9	+2.6	+91	+82	+77
		ABCC104	5.9	+134	+0.6	+0.5	-4.2	+4.0	+42	+79	+103	+89	+19	+0.4	-3.1	+58	+7.9	+0.3	+0.4	+0.6	+2.8	+93	+82	+82
		ABCD15	4.0	+138	+0.6	+0.7	-4.6	+3.8	+43	+85	+102	+79	+16	+0.8	-6.1	+53	+7.4	+0.7	+0.9	+0.3	+3.0	+95	+87	+80
		ABCD58	5.5	+127	+1.8	+0.4	-3.7	+3.2	+39	+69	+89	+68	+18	+0.3	-3.2	+52	+6.7	-0.6	-0.9	+1.0	+2.7	+87	+76	+73
		ABCD79	3.0	+129	+2.2	+1.0	-2.7	+2.7	+41	+75	+89	+71	+17	+0.0	-4.5	+58	+6.9	+0.3	+0.4	+0.3	+3.0	+86	+81	+71
		ABCD124	4.6	+136	+0.3	+2.6	-5.1	+4.4	+47	+86	+107	+97	+12	+0.2	-4.0	+63	+7.4	-0.4	-0.7	+0.9	+2.8	+97	+86	+85
		ABCE60	4.9	+127	+2.1	+1.5	-3.4	+2.2	+39	+79	+92	+69	+17	+1.0	-4.4	+56	+6.2	-0.1	-0.4	+0.6	+2.6	+89	+84	+72
		ABCG81	3.8	+138	+2.0	+1.2	-3.3	+2.7	+40	+82	+100	+79	+19	+0.9	-4.4	+62	+7.4	+0.5	+0.4	+0.3	+3.0	+94	+86	+78
		ABCG153	5.5	+143	+0.6	+0.8	-3.3	+4.0	+45	+83	+104	+79	+19	+0.8	-4.7	+60	+7.6	+0.3	+0.4	+0.5	+3.1	+97	+87	+82
Avgs. for MAX16290873 for 11 matings			4.5	+133	+0.8	+1.0	-3.4	+3.5	+41	+78	+97	+78	+17	+0.5	-4.1	+57	+7.3	+0.0	+0.0	+0.6	+2.9	+91	+82	+77
ABCE7	**ABC PASTORAL BARTEL E7**																							
		ABCA91	4.1	+121	+3.2	+2.0	-3.9	+2.6	+38	+71	+89	+70	+17	+2.1	-4.0	+56	+6.9	-0.5	-0.4	+1.1	+2.2	+90	+80	+74
		ABCB56	4.4	+133	+3.0	+2.3	-4.5	+3.7	+46	+84	+108	+93	+16	+2.9	-4.9	+65	+7.2	-1.4	-1.5	+1.6	+2.1	+106	+91	+88
		ABCC36	3.8	+142	+3.6	+2.3	-5.6	+1.6	+44	+84	+105	+79	+21	+2.3	-4.7	+60	+8.2	+0.5	+0.5	+1.1	+2.5	+106	+94	+86
		ABCE15	5.4	+146	+3.9	+1.9	-5.8	+2.1	+46	+87	+109	+78	+20	+2.4	-4.8	+68	+8.1	+0.2	+0.4	+0.9	+2.6	+107	+96	+87

SIRES ID	Name	DAMS ID	Prog. Inb. %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
POTENTIAL PROGENY MID-PARENT VALUES																								
ABCE7	**ABC PASTORAL BARTEL E7**																							
		ABCE34	2.5	+121	+2.8	+2.0	-5.8	+1.8	+44	+80	+93	+66	+17	+2.2	-5.4	+61	+6.5	+0.8	+1.3	+0.5	+2.1	+92	+86	+74
		ABCE51	5.0	+149	+2.3	+2.0	-5.6	+4.1	+51	+95	+120	+91	+18	+2.6	-4.8	+67	+8.4	+0.1	+0.3	+1.1	+2.4	+113	+100	+96
		ABCE61	4.3	+131	+1.4	+2.1	-5.9	+2.3	+43	+83	+105	+82	+17	+2.1	-4.3	+66	+7.5	+0.5	+1.0	+0.5	+2.3	+97	+86	+83
		ABCE83	2.3	+132	+1.8	+2.6	-6.4	+3.2	+49	+93	+109	+82	+18	+2.0	-3.6	+70	+7.3	-0.6	-0.5	+1.1	+2.1	+102	+97	+86
		ABCE145	5.5	+136	+3.7	+1.9	-5.0	+1.9	+39	+76	+96	+69	+18	+1.8	-3.7	+64	+8.9	+0.1	+0.2	+1.0	+2.4	+98	+87	+81
		ABCE172	4.7	+138	+2.8	+1.4	-5.1	+3.3	+46	+85	+111	+92	+17	+2.5	-4.2	+69	+7.8	-1.4	-1.4	+1.6	+2.2	+107	+92	+90
		ABCE188	5.6	+134	+2.9	+1.1	-5.0	+2.4	+41	+76	+100	+74	+18	+2.2	-3.7	+63	+8.0	-0.7	-0.5	+1.4	+2.3	+100	+85	+84
		ABCF17	1.3	+122	+1.9	+2.9	-5.4	+3.2	+47	+86	+102	+80	+18	+2.3	-4.5	+66	+6.3	-0.2	+0.4	+0.8	+2.0	+96	+90	+80
		ABCF109	3.8	+131	+1.3	+1.6	-5.5	+3.4	+47	+89	+110	+87	+20	+2.2	-4.0	+68	+7.4	+0.4	+0.7	+0.7	+2.2	+100	+91	+86
		ABCG7	4.4	+137	+3.0	+2.0	-5.5	+2.5	+44	+86	+106	+78	+19	+2.9	-4.5	+65	+7.4	+0.8	+0.9	+0.4	+2.4	+101	+91	+83
		ABCG62	6.1	+139	+3.6	+2.6	-5.8	+2.6	+46	+80	+99	+68	+19	+1.9	-4.4	+62	+8.6	+0.3	+0.4	+1.1	+2.4	+102	+92	+83
		ABCG69	4.6	+142	+4.1	+2.3	-5.7	+1.1	+41	+84	+102	+73	+18	+2.7	-4.8	+64	+8.1	+0.9	+1.2	+0.5	+2.7	+102	+92	+82
		ABCG75	5.3	+142	+1.4	+1.8	-5.1	+3.9	+50	+91	+116	+90	+18	+2.4	-4.3	+68	+7.8	-0.1	+0.1	+1.1	+2.4	+108	+95	+92
		ABCG127	4.4	+145	+2.5	+1.4	-5.4	+3.0	+46	+89	+110	+85	+15	+2.8	-4.7	+67	+8.4	+0.4	+0.6	+0.9	+2.7	+106	+94	+89
		ABCG132	4.8	+144	+2.4	+1.4	-5.4	+3.1	+49	+87	+111	+81	+19	+2.5	-4.7	+67	+8.2	+0.2	+0.2	+1.1	+2.4	+108	+95	+90
		ABCG136	5.1	+146	+2.0	+0.4	-4.9	+4.1	+51	+91	+116	+89	+19	+2.4	-4.8	+67	+8.1	+0.4	+0.4	+0.9	+2.6	+108	+95	+92
		ABCG157	4.4	+146	+2.2	+1.4	-5.4	+3.2	+47	+90	+112	+87	+15	+2.8	-4.7	+68	+8.4	+0.4	+0.6	+0.9	+2.7	+107	+95	+90
		ABCG181	6.3	+138	+3.9	+2.0	-5.1	+1.7	+41	+76	+99	+73	+16	+2.1	-4.4	+62	+8.3	+0.0	-0.1	+1.1	+2.5	+101	+87	+82
Avgs. for ABCE7 for 22 matings			4.5	+137	+2.7	+1.9	-5.4	+2.8	+45	+85	+106	+80	+18	+2.4	-4.5	+65	+7.8	+0.1	+0.2	+1.0	+2.4	+103	+91	+85
ABCE614	**ABC PASTORAL EVIDENT E614**																							
		ABCU50	4.6	+132	-3.2	-0.5	-1.4	+4.9	+46	+79	+107	+92	+18	+2.0	-2.8	+65	+8.3	+0.1	-0.5	+1.2	+2.7	+95	+79	+87
		ABCW76	4.7	+130	-2.3	+0.0	-1.5	+5.1	+42	+76	+99	+71	+16	+1.9	-3.5	+59	+8.1	+0.5	-0.1	+1.0	+2.6	+90	+78	+80
		ABCX24	1.9	+128	-2.8	+0.0	-1.8	+6.2	+49	+85	+116	+109	+15	+2.3	-4.7	+68	+7.2	-0.5	-1.7	+1.3	+2.2	+100	+82	+90
		ABCY12	3.4	+135	-2.1	+0.3	-2.8	+5.8	+48	+86	+114	+102	+16	+1.8	-4.1	+66	+7.2	+0.6	-0.3	+0.6	+2.7	+97	+82	+88
		ABCY85	3.3	+124	-3.2	-0.2	-2.5	+5.6	+47	+82	+99	+74	+12	+1.8	-4.6	+60	+7.5	+0.9	-0.2	+0.9	+2.4	+89	+81	+80
		ABCY99	2.4	+118	-2.6	+0.7	-1.8	+5.6	+44	+84	+102	+95	+12	+2.2	-3.8	+63	+6.7	-0.4	-1.5	+1.1	+2.3	+89	+80	+80
		ABCY114	3.3	+127	-2.1	-0.4	-0.3	+4.6	+41	+79	+103	+88	+16	+2.1	-4.5	+64	+7.6	-0.3	-1.2	+1.1	+2.5	+93	+80	+82
		ABCY191	4.6	+131	-3.5	-1.5	-1.5	+5.9	+46	+83	+113	+106	+15	+2.2	-3.5	+66	+7.8	+0.1	-0.5	+1.0	+2.6	+95	+78	+89
		ABCB6	2.4	+124	-2.2	+0.4	-2.0	+4.3	+46	+84	+102	+77	+15	+1.5	-4.1	+65	+6.2	+0.5	-0.6	+0.5	+2.4	+88	+80	+78
		ABCB81	4.2	+135	-1.7	+0.9	-1.6	+5.2	+46	+84	+106	+87	+16	+2.1	-4.4	+66	+7.9	+0.1	-0.1	+0.7	+2.7	+96	+85	+84
		ABCB136	7.2	+135	-2.1	-0.9	-3.2	+4.7	+43	+80	+102	+74	+14	+1.7	-4.5	+62	+9.0	+0.7	+0.3	+0.6	+2.8	+92	+81	+82
		ABCC8	4.6	+144	-2.7	+1.8	-4.3	+5.8	+53	+96	+121	+112	+14	+1.4	-3.4	+75	+8.8	+0.3	-0.4	+0.9	+2.9	+104	+91	+95
		ABCC70	4.2	+139	-3.6	-1.5	-2.2	+6.4	+49	+90	+116	+97	+13	+2.1	-3.4	+70	+8.7	-0.4	-1.1	+1.1	+2.7	+99	+85	+92
		ABCD2	5.6	+143	-1.9	+0.5	-3.7	+4.4	+46	+87	+108	+83	+15	+2.0	-4.0	+63	+9.4	+1.5	+1.2	+0.6	+3.0	+98	+87	+87
		ABCD30	3.4	+142	-3.7	-0.4	-2.5	+6.0	+51	+90	+121	+101	+18	+2.5	-3.2	+72	+8.7	+0.4	-0.5	+1.0	+2.6	+103	+87	+95
		ABCE47	1.8	+127	-2.1	+0.5	-3.2	+4.0	+48	+89	+105	+82	+17	+1.8	-4.4	+68	+6.5	+1.0	+0.6	+0.1	+2.5	+90	+84	+79
		ABCE56	4.6	+139	-2.7	+1.8	-3.8	+5.7	+48	+89	+114	+100	+9	+1.4	-3.4	+70	+8.7	+0.1	-0.8	+1.0	+2.8	+99	+85	+91
		ABCE113	3.4	+119	-3.0	+0.6	-1.7	+4.9	+43	+82	+97	+72	+16	+2.0	-2.9	+62	+6.9	+0.1	-0.4	+0.6	+2.2	+84	+79	+75
		ABCE152	4.9	+125	-1.5	-0.3	-2.8	+4.1	+41	+77	+98	+79	+13	+1.4	-3.5	+63	+7.9	+0.5	-0.1	+0.7	+2.6	+87	+76	+78

SIRES ID	Name	DAMS ID	Prog. Inb. %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
ABCE614	**ABC PASTORAL EVIDENT E614**																							
		ABCF16	3.7	+136	-3.1	+1.4	-2.9	+5.6	+48	+89	+111	+101	+13	+1.5	-4.0	+69	+8.5	+0.5	-0.4	+1.0	+2.8	+97	+85	+89
		ABCF25	4.1	+145	-1.9	+0.3	-2.2	+5.2	+51	+92	+115	+90	+16	+1.9	-4.1	+71	+8.4	+0.4	-0.2	+0.7	+2.9	+101	+90	+90
		ABCF131	2.9	+130	-1.5	+0.6	-3.9	+3.5	+45	+86	+102	+76	+16	+1.8	-4.5	+64	+7.3	+1.2	+0.7	+0.2	+2.7	+90	+85	+79
		ABCF133	4.9	+134	-2.5	-0.9	-1.6	+5.2	+46	+85	+111	+94	+16	+2.0	-3.8	+69	+8.0	-0.3	-1.2	+1.1	+2.6	+97	+83	+88
		ABCF146	6.0	+137	-1.3	-0.5	-3.6	+3.8	+43	+81	+104	+81	+17	+1.9	-4.2	+62	+8.6	+0.8	+0.2	+0.7	+2.9	+95	+82	+83
		ABCF178	4.6	+142	-2.8	+0.5	-2.4	+5.8	+52	+90	+116	+98	+16	+2.0	-4.3	+67	+8.3	+1.1	+0.7	+0.5	+2.9	+101	+86	+91
		ABCF186	5.0	+134	-2.8	+0.2	-1.3	+5.3	+44	+81	+105	+83	+17	+2.1	-3.5	+64	+8.7	+1.0	+0.5	+0.5	+2.6	+93	+79	+84
		ABCF201	7.0	+144	-3.0	-2.3	-2.5	+6.4	+50	+89	+120	+98	+16	+2.0	-3.2	+70	+8.8	-0.2	-1.2	+1.1	+2.8	+102	+85	+95
		ABCF207	4.7	+137	-2.8	-1.1	-2.5	+5.5	+49	+88	+117	+98	+17	+2.0	-3.9	+71	+8.2	-0.5	-0.9	+1.1	+2.5	+101	+85	+92
		ABCF208	3.7	+136	-2.6	+0.8	-2.5	+5.2	+50	+89	+112	+90	+14	+2.0	-3.8	+66	+7.9	+0.1	-0.6	+1.0	+2.6	+99	+87	+88
		ABCF214	5.3	+137	-3.0	-1.3	-2.5	+5.9	+48	+87	+111	+86	+16	+2.1	-3.7	+66	+8.8	+0.8	-0.1	+0.8	+2.7	+96	+85	+88
Avgs. for ABCE614 for 30 matings			4.2	+134	-2.5	+0.0	-2.4	+5.2	+47	+85	+109	+90	+15	+1.9	-3.9	+66	+8.0	+0.4	-0.3	+0.8	+2.6	+95	+83	+86
MAXF4	**MAXIMUM AMBASSADOR F4**																							
		ABCY24	2.4	+125	+1.1	+2.5	-3.9	+4.8	+45	+81	+99	+84	+13	+2.1	-3.9	+60	+5.6	-0.7	-0.7	+0.7	+2.4	+91	+83	+76
		ABCA29	4.8	+146	+1.7	+1.1	-5.6	+4.8	+47	+89	+114	+91	+17	+2.3	-3.9	+60	+7.6	-0.3	-0.6	+0.9	+2.7	+106	+93	+89
		ABCB116	6.8	+139	+2.1	+0.9	-4.1	+2.8	+44	+81	+100	+67	+19	+1.2	-3.9	+64	+6.5	+0.3	+0.0	+0.1	+2.9	+93	+85	+76
		ABCB158	5.9	+135	+1.2	+1.3	-4.0	+4.9	+44	+82	+106	+93	+15	+1.9	-4.1	+62	+6.0	-0.4	-1.0	+0.5	+2.8	+95	+83	+81
		ABCC80	6.3	+132	+0.3	+1.1	-4.2	+4.5	+44	+81	+101	+83	+14	+2.3	-3.4	+56	+7.0	+0.4	+0.4	+0.3	+2.8	+91	+81	+78
		ABCC129	3.6	+131	+1.2	+1.6	-3.7	+4.2	+44	+84	+103	+81	+12	+2.2	-4.6	+63	+6.7	-0.6	-0.9	+0.7	+2.4	+95	+87	+80
		ABCC160	7.3	+139	+1.8	-0.5	-4.6	+4.0	+44	+80	+106	+86	+18	+2.0	-3.9	+62	+6.5	-0.3	-0.6	+0.4	+2.9	+95	+82	+81
		ABCD25	6.4	+139	+1.7	+1.1	-4.7	+3.7	+45	+83	+107	+84	+13	+2.1	-4.7	+65	+6.3	+0.7	+0.5	-0.2	+2.9	+95	+82	+79
		ABCD36	6.7	+143	+2.2	+1.1	-3.7	+4.1	+44	+83	+104	+87	+15	+2.0	-4.2	+65	+7.0	-0.5	-0.9	+0.5	+3.1	+97	+86	+81
		ABCD89	8.1	+153	+1.9	+0.3	-3.6	+4.2	+45	+84	+108	+86	+18	+2.1	-4.8	+65	+7.7	+0.6	+0.5	-0.1	+3.5	+100	+87	+83
		ABCE7	4.7	+154	+0.9	+0.7	-5.1	+5.1	+50	+95	+118	+91	+17	+2.7	-5.2	+61	+6.9	+0.8	+0.4	+0.1	+3.2	+105	+94	+89
		ABCE57	4.2	+131	+2.1	+1.4	-5.3	+3.0	+42	+81	+100	+75	+15	+2.4	-4.3	+60	+6.2	+0.0	-0.3	+0.3	+2.5	+92	+84	+75
		ABCE159	5.5	+146	+1.8	-0.5	-5.1	+3.7	+46	+87	+114	+92	+17	+2.3	-3.9	+69	+7.2	-1.2	-1.5	+1.0	+2.7	+105	+91	+89
		ABCE189	5.9	+143	+0.5	-1.0	-4.5	+5.0	+46	+84	+112	+92	+15	+2.3	-3.7	+63	+6.8	+0.3	-0.5	+0.4	+2.9	+98	+83	+86
		ABCF113	5.1	+148	+0.6	-0.5	-4.2	+4.8	+50	+91	+112	+97	+13	+2.2	-5.1	+62	+7.5	+0.9	+0.9	+0.1	+3.4	+100	+89	+86
		ABCG9	4.9	+149	+1.5	+1.3	-4.8	+4.7	+48	+90	+116	+94	+16	+2.6	-4.5	+65	+6.5	+0.1	-0.2	+0.3	+3.0	+103	+90	+87
		ABCG14	5.1	+154	+2.4	+0.9	-5.6	+3.6	+49	+90	+115	+88	+19	+2.1	-3.3	+68	+8.5	+0.1	-0.2	+0.8	+3.0	+109	+96	+91
		ABCG30	5.1	+153	+0.0	+0.5	-4.9	+5.7	+53	+96	+124	+97	+17	+2.7	-4.3	+68	+6.9	+0.2	-0.1	+0.2	+3.0	+106	+93	+92
		ABCG82	6.2	+146	+0.2	+0.5	-5.2	+5.5	+53	+93	+118	+98	+16	+2.3	-4.4	+65	+6.5	+0.3	-0.1	+0.3	+3.0	+102	+91	+88
		ABCG86	7.4	+152	+1.3	+0.7	-5.4	+5.1	+48	+87	+110	+86	+17	+2.0	-4.7	+60	+8.1	+0.8	+0.6	+0.3	+3.2	+102	+90	+86
		ABCG89	5.1	+152	+0.2	-0.2	-5.3	+4.9	+50	+93	+119	+101	+13	+2.9	-4.0	+70	+7.2	+0.2	-0.1	+0.4	+3.2	+104	+90	+91
		ABCG99	4.9	+148	+0.8	+1.2	-4.9	+5.1	+54	+94	+118	+98	+17	+2.2	-4.9	+67	+6.3	+0.2	-0.1	+0.3	+3.0	+105	+93	+89
		ABCG119	4.4	+149	+1.3	-0.2	-4.4	+5.5	+52	+96	+121	+105	+14	+2.3	-3.5	+71	+7.0	-0.8	-1.0	+0.6	+3.0	+105	+93	+92
		ABCG129	5.9	+148	+1.3	+0.7	-4.2	+4.8	+52	+92	+115	+95	+16	+2.0	-4.7	+68	+6.5	+0.4	+0.3	+0.1	+3.2	+102	+91	+86
		ABCG143	5.1	+155	+0.0	+0.2	-4.9	+5.6	+51	+97	+122	+102	+12	+2.8	-4.5	+69	+7.4	+0.4	+0.2	+0.3	+3.3	+106	+93	+92
		ABCG146	5.7	+153	+1.9	+0.7	-4.6	+4.0	+47	+87	+112	+83	+17	+2.3	-4.5	+66	+7.3	+0.1	+0.0	+0.2	+3.2	+103	+90	+86

SIRES ID	Name	DAMS ID	Prog. Inb. %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
MAXF4	**MAXIMUM AMBASSADOR F4**																							
		ABCG161	5.2	+152	+1.9	+1.1	-5.0	+3.9	+48	+92	+116	+92	+17	+2.5	-4.6	+66	+7.0	+0.0	-0.2	+0.4	+3.1	+106	+94	+88
		ABCG189	6.1	+152	-0.1	-0.8	-4.8	+6.1	+53	+93	+123	+105	+14	+2.2	-4.2	+69	+7.7	+0.1	-0.4	+0.6	+3.0	+107	+90	+94
		ABCG201	6.7	+151	+0.6	+0.0	-5.8	+5.3	+51	+90	+120	+97	+17	+2.1	-4.3	+65	+7.3	-0.4	-0.6	+0.7	+2.9	+107	+91	+92
		ABCG240	4.2	+146	+1.4	+0.6	-4.4	+4.2	+44	+83	+108	+83	+16	+2.7	-4.6	+62	+7.0	+0.6	+0.2	+0.1	+3.1	+98	+85	+82
Avgs. for ABCF4 for 30 matings			5.5	+145	+1.2	+0.6	-4.7	+4.6	+48	+88	+112	+90	+16	+2.3	-4.3	+65	+7.0	+0.1	-0.2	+0.4	+3.0	+101	+89	+86

Total Eligible Sires = 7

DISCLAIMER:

Potential progeny mid-parent values are provided to assist breeders estimate the outcome of particular mating combinations.

These values are NOT GROUP BREEDPLAN EBVs and should not be published as such.

The actual EBVs for any individual progeny resulting from a particular mating are likely to vary from the potential progeny mid-parent values.

Dam Mating

ABC ABC PASTORAL

January 11, 2013 12:01 PM

DAMS / SIRES / POTENTIAL PROGENY MID-PARENT VALUES

Calv.	ID	ID	Name	Prog. Inb. %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
1999	ABCU50	ABCE614	ABC PASTORAL EVIDENT E614	4.6	+132	-3.2	-0.5	-1.4	+4.9	+46	+79	+107	+92	+18	+2.0	-2.8	+65	+8.3	+0.1	-0.5	+1.2	+2.7	+95	+79	+87
2000	ABCV61	ABCC574	ABC PASTORAL C574	4.2	+127	+0.7	+0.4	-4.0	+3.7	+42	+83	+104	+94	+20	+2.3	-4.6	+62	+5.2	+1.0	+0.6	-0.1	+2.6	+91	+81	+77
2000	ABCV65	ABCC574	ABC PASTORAL C574	2.0	+112	+1.6	+1.3	-4.4	+2.5	+39	+80	+95	+81	+18	+2.3	-4.1	+59	+3.7	+1.1	+0.2	-0.2	+2.2	+82	+77	+67
2001	ABCW76	ABCE614	ABC PASTORAL E614	4.7	+130	-2.3	+0.0	-1.5	+5.1	+42	+76	+99	+71	+16	+1.9	-3.5	+59	+8.1	+0.5	-0.1	+1.0	+2.6	+90	+78	+80
2001	ABCW123	ABCD145	ABC PASTORALREGENT D145	5.6	+141	+1.6	-0.8	-3.2	+4.6	+43	+74	+100	+79	+16	+1.9	-4.2	+59	+7.0	+0.9	+0.4	+0.1	+3.3	+92	+77	+78
2002	ABCX14	ABCD106	ABC PASTORAL DIPLOMAT D106	4.3	+127	+0.4	-0.6	-3.4	+5.0	+44	+77	+99	+85	+16	+2.4	-4.4	+58	+5.7	+0.0	+0.0	+0.1	+2.8	+87	+76	+75
2002	ABCX24	ABCE614	ABC PASTORALEVIDENT E614	1.9	+128	-2.8	+0.0	-1.8	+6.2	+49	+85	+116	+109	+15	+2.3	-4.7	+68	+7.2	-0.5	-1.7	+1.3	+2.2	+100	+82	+90
2003	ABCY12	ABCE614	ABC PASTORAL EVIDENT E614	3.4	+135	-2.1	+0.3	-2.8	+5.8	+48	+86	+114	+102	+16	+1.8	-4.1	+66	+7.2	+0.6	-0.3	+0.6	+2.7	+97	+82	+88
2003	ABCY24	MAXF4	MAXIMUM AMBASSADOR F4	2.4	+125	+1.1	+2.5	-3.9	+4.8	+45	+81	+99	+84	+13	+2.1	-3.9	+60	+5.6	-0.7	-0.7	+0.7	+2.4	+91	+83	+76
2003	ABCY33	ABCD145	ABC PASTORAL REGENT D145	4.4	+133	+0.2	-3.3	-4.0	+5.4	+47	+88	+110	+104	+11	+1.9	-4.1	+69	+7.0	+0.9	+0.4	+0.0	+3.0	+92	+80	+83
2003	ABCY85	ABCE614	ABC PASTORALEVIDENT E614	3.3	+124	-3.2	-0.2	-2.5	+5.6	+47	+82	+99	+74	+12	+1.8	-4.6	+60	+7.5	+0.9	-0.2	+0.9	+2.4	+89	+81	+80
2003	ABCY99	ABCE614	ABC PASTORALEVIDENT E614	2.4	+118	-2.6	+0.7	-1.8	+5.6	+44	+84	+102	+95	+12	+2.2	-3.8	+63	+6.7	-0.4	-1.5	+1.1	+2.3	+89	+80	+80
2003	ABCY114	ABCE614	ABC PASTORAL EVIDENT E614	3.3	+127	-2.1	-0.4	-0.3	+4.6	+41	+79	+103	+88	+16	+2.1	-4.5	+64	+7.6	-0.3	-1.2	+1.1	+2.5	+93	+80	+82
2003	ABCY191	ABCE614	ABC PASTORAL EVIDENT E614	4.6	+131	-3.5	-1.5	-1.5	+5.9	+46	+83	+113	+106	+15	+2.2	-3.5	+66	+7.8	+0.1	-0.5	+1.0	+2.6	+95	+78	+89
2004	ABCZ5	ABCC574	ABC PASTORAL C574	2.4	+135	+0.5	-0.1	-5.8	+3.3	+43	+88	+107	+79	+19	+2.1	-5.2	+62	+6.5	+0.5	-0.1	+0.2	+2.5	+96	+88	+80
2004	ABCZ28	ABCD106	ABC PASTORAL DIPLOMAT D106	2.5	+131	-0.8	-1.7	-3.6	+6.2	+45	+77	+97	+80	+13	+2.5	-5.6	+56	+6.9	+0.9	+1.1	-0.2	+3.1	+87	+75	+75
2004	ABCZ31	ABCD145	ABC PASTORAL REGENT D145	6.0	+146	+2.1	-3.5	-3.9	+4.7	+48	+85	+108	+89	+15	+2.1	-3.4	+67	+7.9	+0.7	-0.2	+0.5	+3.3	+98	+85	+86
2004	ABCZ50	ABCD106	ABC PASTORAL DIPLOMAT D106	3.2	+133	-1.9	-1.8	-2.9	+7.2	+49	+88	+112	+101	+16	+2.4	-5.6	+63	+7.2	-0.5	+0.3	+0.4	+2.7	+96	+83	+86
2004	ABCZ61	MAX16290873	MAXIMUM PROGRESS	3.0	+138	-0.1	+0.2	-3.0	+4.0	+42	+75	+95	+71	+19	+0.3	-4.4	+57	+7.9	+0.4	+0.6	+0.4	+3.2	+90	+80	+77
2004	ABCZ80	MAX16290873	MAXIMUM PROGRESS	5.2	+119	-1.8	+0.5	-1.3	+4.6	+37	+70	+93	+85	+16	+0.5	-2.3	+52	+7.6	-0.4	-0.5	+1.0	+2.6	+82	+71	+75
2005	ABCA18	ABCD145	ABC PASTORAL REGENT D145	4.2	+151	+1.6	+0.8	-3.1	+5.7	+49	+89	+113	+97	+16	+2.4	-4.5	+70	+7.5	-0.1	-0.4	+0.4	+3.2	+104	+91	+88
2005	ABCA23	ABCD145	ABC PASTORALREGENT D145	5.6	+164	+0.8	-0.1	-5.6	+5.8	+51	+90	+120	+97	+17	+1.8	-5.5	+66	+9.1	+0.8	+0.6	+0.5	+3.5	+112	+94	+96
2005	ABCA29	MAXF4	MAXIMUM AMBASSADOR F4	4.8	+146	+1.7	+1.1	-5.6	+4.8	+47	+89	+114	+91	+17	+2.3	-3.9	+60	+7.6	-0.3	-0.6	+0.9	+2.7	+106	+93	+89
2005	ABCA31	ABCD145	ABC PASTORAL REGENT D145	3.2	+146	+1.1	+0.6	-3.1	+5.6	+49	+88	+112	+96	+13	+1.4	-3.5	+70	+7.7	+0.6	+0.3	+0.4	+3.0	+100	+87	+88
2005	ABCA59	MAX16290873	MAXIMUM PROGRESS	4.2	+129	+0.6	+1.2	-3.1	+3.4	+41	+77	+96	+75	+19	+0.8	-3.8	+57	+7.3	-0.5	-0.4	+0.9	+2.6	+91	+82	+77
2005	ABCA73	ABCC574	ABC PASTORAL C574	3.6	+133	+1.0	-0.2	-5.0	+3.1	+42	+83	+101	+88	+22	+2.3	-5.2	+63	+5.7	+1.9	+2.0	-0.7	+3.1	+89	+81	+74
2005	ABCA91	ABCE7	ABC PASTORAL BARTEL E7	4.1	+121	+3.2	+2.0	-3.9	+2.6	+38	+71	+89	+70	+17	+2.1	-4.0	+56	+6.9	-0.5	-0.4	+1.1	+2.2	+90	+80	+74
2005	ABCA133	ABCD145	ABC PASTORAL REGENT D145	3.5	+147	+0.4	-1.4	-3.3	+5.1	+49	+90	+115	+93	+18	+2.3	-4.8	+71	+7.9	-0.8	-1.1	+1.0	+2.9	+106	+92	+90
2006	ABCB6	ABCE614	ABC PASTORAL EVIDENT E614	2.4	+124	-2.2	+0.4	-2.0	+4.3	+46	+84	+102	+77	+15	+1.5	-4.1	+65	+6.2	+0.5	-0.6	+0.5	+2.4	+88	+80	+78
2006	ABCB51	ABCD106	ABC PASTORAL DIPLOMAT D106	7.7	+145	-0.2	-3.8	-3.6	+6.9	+47	+83	+111	+94	+15	+2.2	-4.4	+62	+8.3	+0.3	+0.1	+0.4	+3.2	+97	+81	+87
2006	ABCB56	ABCE7	ABC PASTORAL BARTEL E7	4.4	+133	+3.0	+2.3	-4.5	+3.7	+46	+84	+108	+93	+16	+2.9	-4.9	+65	+7.2	-1.4	-1.5	+1.6	+2.1	+106	+91	+88
2006	ABCB57	ABCD145	ABC PASTORAL REGENT D145	2.3	+145	+0.9	+0.0	-3.3	+5.0	+48	+84	+107	+87	+12	+1.8	-5.4	+67	+7.2	+1.4	+0.7	-0.1	+3.3	+96	+83	+82
2006	ABCB81	ABCE614	ABC PASTORAL EVIDENT E614	4.2	+135	-1.7	+0.9	-1.6	+5.2	+46	+84	+106	+87	+16	+2.1	-4.4	+66	+7.9	+0.1	-0.1	+0.7	+2.7	+96	+85	+84
2006	ABCB93	ABCC574	ABC PASTORAL C574	3.0	+129	+0.2	+0.9	-4.7	+4.4	+46	+85	+108	+92	+21	+1.9	-2.4	+64	+6.0	+0.8	+0.4	+0.1	+2.4	+92	+82	+81
2006	ABCB116	MAXF4	MAXIMUM AMBASSADOR F4	6.8	+139	+2.1	+0.9	-4.1	+2.8	+44	+81	+100	+67	+19	+1.2	-3.9	+64	+6.5	+0.3	+0.0	+0.1	+2.9	+93	+85	+76
2006	ABCB136	ABCE614	ABC PASTORAL EVIDENT E614	7.2	+135	-2.1	-0.9	-3.2	+4.7	+43	+80	+102	+74	+14	+1.7	-4.5	+62	+9.0	+0.7	+0.3	+0.6	+2.8	+92	+81	+82
2006	ABCB158	MAXF4	MAXIMUM AMBASSADOR F4	5.9	+135	+1.2	+1.3	-4.0	+4.9	+44	+82	+106	+93	+15	+1.9	-4.1	+62	+6.0	-0.4	-1.0	+0.5	+2.8	+95	+83	+81

DAMS / SIRES / POTENTIAL PROGENY MID-PARENT VALUES

Calv.	ID	ID	Name	Prog. Inb. %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
2007	ABCC8	ABCE614	ABC PASTORALEVIDENT E614	4.6	+144	-2.7	+1.8	-4.3	+5.8	+53	+96	+121	+112	+14	+1.4	-3.4	+75	+8.8	+0.3	-0.4	+0.9	+2.9	+104	+91	+95
2007	ABCC35	ABCC574	ABC PASTORAL C574	2.9	+133	+2.0	+0.5	-6.2	+2.6	+43	+85	+103	+78	+19	+1.6	-4.7	+65	+6.2	+1.2	+0.5	+0.1	+2.7	+93	+86	+77
2007	ABCC36	ABCE7	ABC PASTORAL BARTEL E7	3.8	+142	+3.6	+2.3	-5.6	+1.6	+44	+84	+105	+79	+21	+2.3	-4.7	+60	+8.2	+0.5	+0.5	+1.1	+2.5	+106	+94	+86
2007	ABCC39	ABCD145	ABC PASTORAL REGENT D145	6.4	+153	+0.3	+0.2	-3.3	+6.0	+51	+87	+116	+104	+14	+2.0	-4.2	+68	+8.5	+0.9	+0.8	+0.3	+3.4	+104	+86	+91
2007	ABCC42	ABCD106	ABC PASTORAL DIPLOMAT D106	5.5	+137	-0.7	+0.7	-4.5	+6.3	+46	+85	+106	+94	+11	+1.5	-3.2	+65	+8.3	-0.4	-0.3	+0.7	+2.9	+95	+84	+85
2007	ABCC70	ABCE614	ABC PASTORALEVIDENT E614	4.2	+139	-3.6	-1.5	-2.2	+6.4	+49	+90	+116	+97	+13	+2.1	-3.4	+70	+8.7	-0.4	-1.1	+1.1	+2.7	+99	+85	+92
2007	ABCC80	MAXF4	MAXIMUM AMBASSADOR F4	6.3	+132	+0.3	+1.1	-4.2	+4.5	+44	+81	+101	+83	+14	+2.3	-3.4	+56	+7.0	+0.4	+0.4	+0.3	+2.8	+91	+81	+78
2007	ABCC94	ABCD106	ABC PASTORAL DIPLOMAT D106	3.2	+142	+0.4	-0.7	-4.9	+5.4	+43	+80	+101	+84	+16	+2.3	-6.1	+52	+8.1	+1.5	+1.9	-0.1	+3.3	+95	+82	+80
2007	ABCC103	ABCD145	ABC PASTORAL REGENT D145	5.7	+148	-0.4	-2.3	-3.1	+5.7	+47	+88	+112	+98	+14	+1.9	-4.2	+70	+8.1	+0.3	-0.6	+0.5	+3.4	+99	+86	+88
2007	ABCC104	MAX16290873	MAXIMUM PROGRESS	5.9	+134	+0.6	+0.5	-4.2	+4.0	+42	+79	+103	+89	+19	+0.4	-3.1	+58	+7.9	+0.3	+0.4	+0.6	+2.8	+93	+82	+82
2007	ABCC129	MAXF4	MAXIMUM AMBASSADOR F4	3.6	+131	+1.2	+1.6	-3.7	+4.2	+44	+84	+103	+81	+12	+2.2	-4.6	+63	+6.7	-0.6	-0.9	+0.7	+2.4	+95	+87	+80
2007	ABCC130	ABCC574	ABC PASTORAL C574	3.3	+132	+1.1	+0.6	-6.0	+3.4	+42	+83	+104	+90	+20	+1.5	-3.4	+62	+6.5	+2.0	+1.9	-0.5	+2.8	+90	+81	+78
2007	ABCC160	MAXF4	MAXIMUM AMBASSADOR F4	7.3	+139	+1.8	-0.5	-4.6	+4.0	+44	+80	+106	+86	+18	+2.0	-3.9	+62	+6.5	-0.3	-0.6	+0.4	+2.9	+95	+82	+81
2007	ABCC174	ABCC574	ABC PASTORAL C574	3.0	+143	+2.0	+0.6	-6.4	+3.0	+45	+88	+112	+95	+23	+1.8	-4.4	+69	+6.4	+1.1	+0.8	-0.2	+2.9	+99	+88	+84
2007	ABCC183	ABCC574	ABC PASTORALC574	3.5	+146	+1.0	+0.2	-5.7	+3.8	+49	+91	+121	+111	+23	+1.6	-3.5	+76	+7.2	+0.2	+0.1	+0.4	+2.9	+105	+90	+92
2008	ABCD2	ABCE614	ABC PASTORALEVIDENT E614	5.6	+143	-1.9	+0.5	-3.7	+4.4	+46	+87	+108	+83	+15	+2.0	-4.0	+63	+9.4	+1.5	+1.2	+0.6	+3.0	+98	+87	+87
2008	ABCD8	ABCD145	ABC PASTORALREGENT D145	5.2	+155	+1.9	+0.1	-5.0	+4.1	+48	+90	+110	+89	+14	+1.6	-5.1	+68	+8.4	+1.1	+0.7	+0.2	+3.6	+103	+92	+87
2008	ABCD15	MAX16290873	MAXIMUMPROGRESS	4.0	+138	+0.6	+0.7	-4.6	+3.8	+43	+85	+102	+79	+16	+0.8	-6.1	+53	+7.4	+0.7	+0.9	+0.3	+3.0	+95	+87	+80
2008	ABCD25	MAXF4	MAXIMUM AMBASSADOR F4	6.4	+139	+1.7	+1.1	-4.7	+3.7	+45	+83	+107	+84	+13	+2.1	-4.7	+65	+6.3	+0.7	+0.5	-0.2	+2.9	+95	+82	+79
2008	ABCD30	ABCE614	ABC PASTORAL EVIDENT E614	3.4	+142	-3.7	-0.4	-2.5	+6.0	+51	+90	+121	+101	+18	+2.5	-3.2	+72	+8.7	+0.4	-0.5	+1.0	+2.6	+103	+87	+95
2008	ABCD36	MAXF4	MAXIMUM AMBASSADOR F4	6.7	+143	+2.2	+1.1	-3.7	+4.1	+44	+83	+104	+87	+15	+2.0	-4.2	+65	+7.0	-0.5	-0.9	+0.5	+3.1	+97	+86	+81
2008	ABCD58	MAX16290873	MAXIMUM PROGRESS	5.5	+127	+1.8	+0.4	-3.7	+3.2	+39	+69	+89	+68	+18	+0.3	-3.2	+52	+6.7	-0.6	-0.9	+1.0	+2.7	+87	+76	+73
2008	ABCD79	MAX16290873	MAXIMUM PROGRESS	3.0	+129	+2.2	+1.0	-2.7	+2.7	+41	+75	+89	+71	+17	+0.0	-4.5	+58	+6.9	+0.3	+0.4	+0.3	+3.0	+86	+81	+71
2008	ABCD89	MAXF4	MAXIMUM AMBASSADOR F4	8.1	+153	+1.9	+0.3	-3.6	+4.2	+45	+84	+108	+86	+18	+2.1	-4.8	+65	+7.7	+0.6	+0.5	-0.1	+3.5	+100	+87	+83
2008	ABCD99	ABCC574	ABC PASTORALC574	2.7	+146	+1.2	+0.4	-4.1	+3.9	+47	+91	+114	+94	+23	+1.8	-4.6	+72	+7.3	+0.3	-0.1	+0.4	+2.8	+104	+93	+88
2008	ABCD124	MAX16290873	MAXIMUM PROGRESS	4.6	+136	+0.3	+2.6	-5.1	+4.4	+47	+86	+107	+97	+12	+0.2	-4.0	+63	+7.4	-0.4	-0.7	+0.9	+2.8	+97	+86	+85
2008	ABCD135	ABCD145	ABC PASTORAL REGENT D145	5.9	+157	-1.2	+1.1	-4.8	+7.1	+55	+98	+127	+120	+9	+1.5	-3.9	+77	+8.5	+0.1	-0.5	+0.6	+3.5	+108	+92	+98
2008	ABCD160	ABCC574	ABC PASTORAL C574	3.0	+147	+1.9	+0.9	-3.8	+3.3	+45	+89	+115	+103	+20	+1.9	-5.1	+74	+6.8	+0.3	+0.2	+0.1	+3.1	+103	+90	+87
2008	ABCD184	ABCC574	ABC PASTORAL C574	3.4	+133	+2.1	+0.4	-5.3	+3.0	+40	+76	+97	+79	+19	+1.5	-3.9	+59	+6.6	+1.6	+1.4	-0.3	+3.0	+88	+77	+74
2009	ABCE7	MAXF4	MAXIMUM AMBASSADOR F4	4.7	+154	+0.9	+0.7	-5.1	+5.1	+50	+95	+118	+91	+17	+2.7	-5.2	+61	+6.9	+0.8	+0.4	+0.1	+3.2	+105	+94	+89
2009	ABCE10	ABCD106	ABC PASTORAL DIPLOMAT D106	1.7	+122	+0.0	+0.6	-4.4	+5.3	+45	+83	+100	+90	+13	+2.0	-4.6	+62	+6.0	-0.3	+0.4	+0.1	+2.5	+88	+80	+76
2009	ABCE15	ABCE7	ABC PASTORAL BARTEL E7	5.4	+146	+3.9	+1.9	-5.8	+2.1	+46	+87	+109	+78	+20	+2.4	-4.8	+68	+8.1	+0.2	+0.4	+0.9	+2.6	+107	+96	+87
2009	ABCE34	ABCE7	ABC PASTORAL BARTEL E7	2.5	+121	+2.8	+2.0	-5.8	+1.8	+44	+80	+93	+66	+17	+2.2	-5.4	+61	+6.5	+0.8	+1.3	+0.5	+2.1	+92	+86	+74
2009	ABCE47	ABCE614	ABC PASTORAL EVIDENT E614	1.8	+127	-2.1	+0.5	-3.2	+4.0	+48	+89	+105	+82	+17	+1.8	-4.4	+68	+6.5	+1.0	+0.6	+0.1	+2.5	+90	+84	+79
2009	ABCE51	ABCE7	ABC PASTORAL BARTEL E7	5.0	+149	+2.3	+2.0	-5.6	+4.1	+51	+95	+120	+91	+18	+2.6	-4.8	+67	+8.4	+0.1	+0.3	+1.1	+2.4	+113	+100	+96
2009	ABCE54	ABCD106	ABC PASTORAL DIPLOMAT D106	4.0	+132	-0.2	-0.1	-4.8	+4.3	+44	+82	+102	+87	+14	+1.8	-5.0	+63	+6.9	+0.4	+0.7	-0.1	+2.9	+90	+79	+78
2009	ABCE56	ABCE614	ABC PASTORAL EVIDENT E614	4.6	+139	-2.7	+1.8	-3.8	+5.7	+48	+89	+114	+100	+9	+1.4	-3.4	+70	+8.7	+0.1	-0.8	+1.0	+2.8	+99	+85	+91
2009	ABCE57	MAXF4	MAXIMUM AMBASSADOR F4	4.2	+131	+2.1	+1.4	-5.3	+3.0	+42	+81	+100	+75	+15	+2.4	-4.3	+60	+6.2	+0.0	-0.3	+0.3	+2.5	+92	+84	+75
2009	ABCE58	ABCD145	ABC PASTORAL REGENT D145	2.6	+144	+0.5	+0.1	-4.1	+5.2	+50	+92	+115	+103	+15	+1.8	-4.5	+73	+6.9	+0.4	+0.2	+0.1	+3.1	+100	+88	+87
2009	ABCE60	MAX16290873	MAXIMUM PROGRESS	4.9	+127	+2.1	+1.5	-3.4	+2.2	+39	+79	+92	+69	+17	+1.0	-4.4	+56	+6.2	-0.1	-0.4	+0.6	+2.6	+89	+84	+72
2009	ABCE61	ABCE7	ABC PASTORAL BARTEL E7	4.3	+131	+1.4	+2.1	-5.9	+2.3	+43	+83	+105	+82	+17	+2.1	-4.3	+66	+7.5	+0.5	+1.0	+0.5	+2.3	+97	+86	+83
2009	ABCE65	ABCD145	ABC PASTORAL REGENT D145	4.8	+141	-0.5	-0.4	-3.6	+5.3	+48	+91	+113	+101	+13	+2.0	-3.4	+72	+7.3	+0.1	-0.1	+0.3	+3.0	+97	+86	+86
2009	ABCE68	ABCD145	ABC PASTORAL REGENT D145	4.8	+156	+0.6	-0.4	-3.8	+4.9	+50	+90	+117	+96	+18	+1.9	-4.8	+74	+8.4	+1.8	+1.6	-0.3	+3.5	+104	+89	+89
2009	ABCE82	ABCD106	ABC PASTORAL DIPLOMAT D106	2.4	+132	-0.4	+0.0	-4.2	+6.3	+49	+89	+110	+97	+15	+2.4	-4.7	+65	+6.2	-0.4	+0.2	-0.1	+2.7	+93	+84	+81
2009	ABCE83	ABCE7	ABC PASTORAL BARTEL E7	2.3	+132	+1.8	+2.6	-6.4	+3.2	+49	+93	+109	+82	+18	+2.0	-3.6	+70	+7.3	-0.6	-0.5	+1.1	+2.1	+102	+97	+86

DAMS		SIRES			POTENTIAL PROGENY MID-PARENT VALUES																		
Calv.	ID	ID	Name	Prog. Inb. %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
2009	ABCE112	ABCD145	ABC PASTORAL REGENT D145	3.5	+147	+0.2	-0.2	-5.0	+5.1	+51	+96	+115	+97	+16	+2.1	-4.8	+72	+7.1	+0.9	+0.9	-0.3	+3.3	+99	+92	+86
2009	ABCE113	ABCE614	ABC PASTORAL EVIDENT E614	3.4	+119	-3.0	+0.6	-1.7	+4.9	+43	+82	+97	+72	+16	+2.0	-2.9	+62	+6.9	+0.1	-0.4	+0.6	+2.2	+84	+79	+75
2009	ABCE145	ABCE7	ABC PASTORAL BARTEL E7	5.5	+136	+3.7	+1.9	-5.0	+1.9	+39	+76	+96	+69	+18	+1.8	-3.7	+64	+8.9	+0.1	+0.2	+1.0	+2.4	+98	+87	+81
2009	ABCE152	ABCE614	ABC PASTORAL EVIDENT E614	4.9	+125	-1.5	-0.3	-2.8	+4.1	+41	+77	+98	+79	+13	+1.4	-3.5	+63	+7.9	+0.5	-0.1	+0.7	+2.6	+87	+76	+78
2009	ABCE159	MAXF4	MAXIMUM AMBASSADOR F4	5.5	+146	+1.8	-0.5	-5.1	+3.7	+46	+87	+114	+92	+17	+2.3	-3.9	+69	+7.2	-1.2	-1.5	+1.0	+2.7	+105	+91	+89
2009	ABCE172	ABCE7	ABC PASTORAL BARTEL E7	4.7	+138	+2.8	+1.4	-5.1	+3.3	+46	+85	+111	+92	+17	+2.5	-4.2	+69	+7.8	-1.4	-1.4	+1.6	+2.2	+107	+92	+90
2009	ABCE188	ABCE7	ABC PASTORAL BARTEL E7	5.6	+134	+2.9	+1.1	-5.0	+2.4	+41	+76	+100	+74	+18	+2.2	-3.7	+63	+8.0	-0.7	-0.5	+1.4	+2.3	+100	+85	+84
2009	ABCE189	MAXF4	MAXIMUM AMBASSADOR F4	5.9	+143	+0.5	-1.0	-4.5	+5.0	+46	+84	+112	+92	+15	+2.3	-3.7	+63	+6.8	+0.3	-0.5	+0.4	+2.9	+98	+83	+86
2010	ABCF1	ABCD145	ABC PASTORAL REGENT D145	4.3	+159	+1.7	+0.2	-4.8	+4.6	+49	+92	+117	+96	+16	+2.2	-4.6	+70	+8.7	+0.4	+0.2	+0.6	+3.4	+109	+95	+93
2010	ABCF16	ABCE614	ABC PASTORAL EVIDENT E614	3.7	+136	-3.1	+1.4	-2.9	+5.6	+48	+89	+111	+101	+13	+1.5	-4.0	+69	+8.5	+0.5	-0.4	+1.0	+2.8	+97	+85	+89
2010	ABCF17	ABCE7	ABC PASTORAL BARTEL E7	1.3	+122	+1.9	+2.9	-5.4	+3.2	+47	+86	+102	+80	+18	+2.3	-4.5	+66	+6.3	-0.2	+0.4	+0.8	+2.0	+96	+90	+80
2010	ABCF18	ABCC574	ABC PASTORAL C574	3.0	+141	+2.0	+1.3	-5.4	+2.2	+46	+90	+110	+82	+22	+1.7	-4.7	+68	+6.0	+1.5	+1.2	-0.4	+2.9	+97	+90	+80
2010	ABCF25	ABCE614	ABC PASTORAL EVIDENT E614	4.1	+145	-1.9	+0.3	-2.2	+5.2	+51	+92	+115	+90	+16	+1.9	-4.1	+71	+8.4	+0.4	-0.2	+0.7	+2.9	+101	+90	+90
2010	ABCF60	ABCD106	ABC PASTORAL DIPLOMAT D106	4.1	+129	-1.0	-3.1	-3.0	+6.3	+48	+86	+107	+103	+10	+1.9	-3.9	+62	+7.5	-0.2	-0.2	+0.5	+2.9	+91	+79	+84
2010	ABCF73	ABCD145	ABC PASTORAL REGENT D145	4.7	+154	+1.4	-0.7	-2.6	+4.8	+50	+89	+113	+105	+13	+1.9	-4.5	+72	+8.7	+0.5	+0.5	+0.4	+3.7	+104	+89	+90
2010	ABCF78	ABCC574	ABC PASTORAL C574	2.8	+142	+0.7	+0.5	-5.3	+4.0	+47	+93	+114	+91	+20	+2.2	-4.8	+68	+6.4	+0.7	+0.6	-0.1	+2.8	+100	+91	+85
2010	ABCF80	ABCD106	ABC PASTORAL DIPLOMAT D106	5.3	+146	+0.2	-0.4	-4.4	+5.6	+47	+90	+111	+93	+15	+2.4	-5.4	+62	+7.8	+0.8	+1.4	-0.2	+3.3	+99	+88	+85
2010	ABCF84	ABCC574	ABC PASTORAL C574	2.4	+132	-0.7	+0.2	-5.6	+4.8	+50	+98	+120	+107	+20	+2.1	-4.3	+73	+5.3	+0.4	+0.5	-0.2	+2.5	+97	+90	+86
2010	ABCF88	ABCD145	ABC PASTORAL REGENT D145	3.2	+143	+0.1	-1.1	-4.1	+5.0	+49	+91	+111	+96	+15	+1.9	-4.8	+71	+7.1	+1.0	+0.9	-0.2	+3.3	+96	+86	+84
2010	ABCF96	ABCD145	ABC PASTORAL REGENT D145	4.6	+152	+0.0	-1.2	-3.7	+6.3	+52	+91	+125	+119	+15	+2.1	-4.2	+75	+7.5	-0.8	-1.5	+0.9	+3.1	+108	+88	+96
2010	ABCF109	ABCE7	ABC PASTORAL BARTEL E7	3.8	+131	+1.3	+1.6	-5.5	+3.4	+47	+89	+110	+87	+20	+2.2	-4.0	+68	+7.4	+0.4	+0.7	+0.7	+2.2	+100	+91	+86
2010	ABCF113	MAXF4	MAXIMUM AMBASSADOR F4	5.1	+148	+0.6	-0.5	-4.2	+4.8	+50	+91	+112	+97	+13	+2.2	-5.1	+62	+7.5	+0.9	+0.9	+0.1	+3.4	+100	+89	+86
2010	ABCF131	ABCE614	ABC PASTORAL EVIDENT E614	2.9	+130	-1.5	+0.6	-3.9	+3.5	+45	+86	+102	+76	+16	+1.8	-4.5	+64	+7.3	+1.2	+0.7	+0.2	+2.7	+90	+85	+79
2010	ABCF133	ABCE614	ABC PASTORAL EVIDENT E614	4.9	+134	-2.5	-0.9	-1.6	+5.2	+46	+85	+111	+94	+16	+2.0	-3.8	+69	+8.0	-0.3	-1.2	+1.1	+2.6	+97	+83	+88
2010	ABCF146	ABCE614	ABC PASTORAL EVIDENT E614	6.0	+137	-1.3	-0.5	-3.6	+3.8	+43	+81	+104	+81	+17	+1.9	-4.2	+62	+8.6	+0.8	+0.2	+0.7	+2.9	+95	+82	+83
2010	ABCF178	ABCE614	ABC PASTORAL EVIDENT E614	4.6	+142	-2.8	+0.5	-2.4	+5.8	+52	+90	+116	+98	+16	+2.0	-4.3	+67	+8.3	+1.1	+0.7	+0.5	+2.9	+101	+86	+91
2010	ABCF186	ABCE614	ABC PASTORAL EVIDENT E614	5.0	+134	-2.8	+0.2	-1.3	+5.3	+44	+81	+105	+83	+17	+2.1	-3.5	+64	+8.7	+1.0	+0.5	+0.5	+2.6	+93	+79	+84
2010	ABCF201	ABCE614	ABC PASTORAL EVIDENT E614	7.0	+144	-3.0	-2.3	-2.5	+6.4	+50	+89	+120	+98	+16	+2.0	-3.2	+70	+8.8	-0.2	-1.2	+1.1	+2.8	+102	+85	+95
2010	ABCF207	ABCE614	ABC PASTORAL EVIDENT E614	4.7	+137	-2.8	-1.1	-2.5	+5.5	+49	+88	+117	+98	+17	+2.0	-3.9	+71	+8.2	-0.5	-0.9	+1.1	+2.5	+101	+85	+92
2010	ABCF208	ABCE614	ABC PASTORAL EVIDENT E614	3.7	+136	-2.6	+0.8	-2.5	+5.2	+50	+89	+112	+90	+14	+2.0	-3.8	+66	+7.9	+0.1	-0.6	+1.0	+2.6	+99	+87	+88
2010	ABCF214	ABCE614	ABC PASTORAL EVIDENT E614	5.3	+137	-3.0	-1.3	-2.5	+5.9	+48	+87	+111	+86	+16	+2.1	-3.7	+66	+8.8	+0.8	-0.1	+0.8	+2.7	+96	+85	+88
2011	ABCG4	ABCD145	ABC PASTORAL REGENT D145	6.7	+158	+1.2	-0.6	-5.0	+4.8	+53	+91	+118	+98	+16	+1.9	-4.6	+71	+8.2	+1.2	+0.9	+0.2	+3.5	+107	+91	+92
2011	ABCG5	ABCD145	ABC PASTORAL REGENT D145	5.0	+157	+0.0	+0.1	-4.5	+5.5	+48	+92	+117	+108	+8	+2.0	-4.3	+74	+8.6	+0.7	+0.4	+0.3	+3.8	+103	+88	+91
2011	ABCG7	ABCE7	ABC PASTORAL BARTEL E7	4.4	+137	+3.0	+2.0	-5.5	+2.5	+44	+86	+106	+78	+19	+2.9	-4.5	+65	+7.4	+0.8	+0.9	+0.4	+2.4	+101	+91	+83
2011	ABCG9	MAXF4	MAXIMUM AMBASSADOR F4	4.9	+149	+1.5	+1.3	-4.8	+4.7	+48	+90	+116	+94	+16	+2.6	-4.5	+65	+6.5	+0.1	-0.2	+0.3	+3.0	+103	+90	+87
2011	ABCG14	MAXF4	MAXIMUM AMBASSADOR F4	5.1	+154	+2.4	+0.9	-5.6	+3.6	+49	+90	+115	+88	+19	+2.1	-3.3	+68	+8.5	+0.1	-0.2	+0.8	+3.0	+109	+96	+91
2011	ABCG15	ABCD106	ABC PASTORAL DIPLOMAT D106	4.0	+147	-0.4	-0.5	-3.9	+6.1	+50	+93	+117	+101	+17	+2.6	-5.1	+69	+7.3	+1.1	+1.5	-0.5	+3.2	+99	+87	+87
2011	ABCG19	ABCD106	ABC PASTORAL DIPLOMAT D106	4.5	+149	+0.7	-0.8	-5.0	+5.5	+48	+87	+112	+90	+18	+2.0	-3.7	+65	+9.4	+0.2	+0.4	+0.8	+3.0	+104	+91	+91
2011	ABCG29	ABCD106	ABC PASTORAL DIPLOMAT D106	4.6	+141	+1.0	-1.8	-4.0	+5.3	+46	+87	+109	+93	+15	+2.7	-4.4	+64	+7.1	+0.6	+0.6	-0.1	+3.1	+96	+85	+83
2011	ABCG30	MAXF4	MAXIMUM AMBASSADOR F4	5.1	+153	+0.0	+0.5	-4.9	+5.7	+53	+96	+124	+97	+17	+2.7	-4.3	+68	+6.9	+0.2	-0.1	+0.2	+3.0	+106	+93	+92
2011	ABCG34	ABCC574	ABC PASTORAL C574	2.2	+142	+1.6	+1.9	-5.7	+4.2	+51	+95	+121	+103	+20	+2.0	-4.2	+72	+5.7	+1.3	+0.7	-0.2	+2.5	+103	+91	+88
2011	ABCG37	ABCD106	ABC PASTORAL DIPLOMAT D106	4.5	+148	+0.4	+0.5	-5.1	+5.6	+50	+95	+118	+110	+14	+2.3	-4.6	+71	+7.4	+0.4	+0.7	-0.2	+3.3	+102	+90	+89
2011	ABCG40	ABCD106	ABC PASTORAL DIPLOMAT D106	4.5	+142	-0.3	-1.0	-3.9	+6.2	+47	+87	+111	+105	+10	+2.8	-5.0	+66	+7.5	-0.3	+0.0	+0.4	+3.2	+98	+83	+86
2011	ABCG49	ABCD145	ABC PASTORAL REGENT D145	5.0	+160	-0.3	+0.6	-4.7	+6.3	+55	+98	+127	+116	+12	+1.8	-4.6	+75	+8.1	+0.7	+0.3	+0.3	+3.6	+110	+94	+97
2011	ABCG51	ABCC574	ABC PASTORAL C574	2.9	+143	+1.5	+0.9	-5.5	+3.6	+47	+92	+113	+92	+23	+1.9	-3.8	+69	+7.7	+1.2	+0.9	+0.4	+2.6	+104	+95	+88

DAMS		SIRES			POTENTIAL PROGENY MID-PARENT VALUES																		
Calv.	ID	ID	Name	Prog. Inb. %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
2011	ABCG53	ABCC574	ABC PASTORAL C574	2.9	+141	+2.0	+0.7	-5.9	+2.7	+46	+91	+110	+87	+23	+1.8	-3.4	+69	+7.4	+1.1	+1.0	+0.3	+2.7	+101	+94	+85
2011	ABCG54	ABCC574	ABC PASTORAL C574	2.9	+150	+1.1	+0.6	-5.9	+4.2	+52	+99	+123	+103	+23	+2.1	-3.3	+74	+7.7	+1.4	+1.1	+0.3	+2.7	+109	+99	+94
2011	ABCG56	ABCC574	ABC PASTORAL C574	3.4	+141	+1.1	+0.6	-5.2	+3.3	+46	+91	+111	+93	+21	+2.4	-5.1	+67	+6.0	+1.5	+1.5	-0.4	+3.0	+98	+89	+82
2011	ABCG59	ABCD106	ABC PASTORAL DIPLOMAT D106	9.4	+140	+0.2	-1.8	-4.3	+7.2	+47	+82	+108	+96	+15	+1.7	-3.9	+60	+8.4	+0.2	+0.4	+0.4	+3.0	+96	+81	+85
2011	ABCG60	ABCD145	ABC PASTORAL REGENT D145	8.8	+155	+0.1	+0.0	-3.5	+6.9	+51	+90	+117	+105	+15	+1.4	-4.2	+71	+8.7	+0.6	+0.1	+0.4	+3.5	+104	+89	+92
2011	ABCG62	ABCE7	ABC PASTORAL BARTEL E7	6.1	+139	+3.6	+2.6	-5.8	+2.6	+46	+80	+99	+68	+19	+1.9	-4.4	+62	+8.6	+0.3	+0.4	+1.1	+2.4	+102	+92	+83
2011	ABCG68	ABCD145	ABC PASTORAL REGENT D145	8.7	+155	+0.9	-0.3	-3.7	+5.7	+51	+88	+114	+96	+16	+1.7	-4.1	+71	+8.3	+0.7	+0.2	+0.3	+3.5	+103	+89	+89
2011	ABCG69	ABCE7	ABC PASTORAL BARTEL E7	4.6	+142	+4.1	+2.3	-5.7	+1.1	+41	+84	+102	+73	+18	+2.7	-4.8	+64	+8.1	+0.9	+1.2	+0.5	+2.7	+102	+92	+82
2011	ABCG75	ABCE7	ABC PASTORAL BARTEL E7	5.3	+142	+1.4	+1.8	-5.1	+3.9	+50	+91	+116	+90	+18	+2.4	-4.3	+68	+7.8	-0.1	+0.1	+1.1	+2.4	+108	+95	+92
2011	ABCG81	MAX16290873	MAXIMUM PROGRESS	3.8	+138	+2.0	+1.2	-3.3	+2.7	+40	+82	+100	+79	+19	+0.9	-4.4	+62	+7.4	+0.5	+0.4	+0.3	+3.0	+94	+86	+78
2011	ABCG82	MAXF4	MAXIMUM AMBASSADOR F4	6.2	+146	+0.2	+0.5	-5.2	+5.5	+53	+93	+118	+98	+16	+2.3	-4.4	+65	+6.5	+0.3	-0.1	+0.3	+3.0	+102	+91	+88
2011	ABCG86	MAXF4	MAXIMUM AMBASSADOR F4	7.4	+152	+1.3	+0.7	-5.4	+5.1	+48	+87	+110	+86	+17	+2.0	-4.7	+60	+8.1	+0.8	+0.6	+0.3	+3.2	+102	+90	+86
2011	ABCG89	MAXF4	MAXIMUM AMBASSADOR F4	5.1	+152	+0.2	-0.2	-5.3	+4.9	+50	+93	+119	+101	+13	+2.9	-4.0	+70	+7.2	+0.2	-0.1	+0.4	+3.2	+104	+90	+91
2011	ABCG91	ABCC574	ABC PASTORAL C574	2.0	+140	+1.0	+1.8	-5.4	+4.5	+50	+98	+120	+100	+20	+2.2	-4.7	+68	+5.5	+1.7	+1.1	-0.5	+2.6	+100	+93	+85
2011	ABCG96	ABCD106	ABC PASTORAL DIPLOMAT D106	6.1	+140	-0.7	-0.6	-3.7	+6.3	+49	+85	+111	+98	+15	+2.1	-4.1	+62	+7.3	+0.3	+0.7	+0.1	+3.0	+96	+82	+86
2011	ABCG98	ABCC574	ABC PASTORAL C574	2.9	+140	+2.9	+0.8	-5.0	+2.3	+47	+90	+111	+94	+22	+1.8	-4.1	+72	+6.7	+0.3	+0.1	+0.2	+2.8	+100	+91	+84
2011	ABCG99	MAXF4	MAXIMUM AMBASSADOR F4	4.9	+148	+0.8	+1.2	-4.9	+5.1	+54	+94	+118	+98	+17	+2.2	-4.9	+67	+6.3	+0.2	-0.1	+0.3	+3.0	+105	+93	+89
2011	ABCG101	ABCC574	ABC PASTORAL C574	2.9	+141	+0.6	+0.6	-4.6	+4.8	+51	+98	+123	+108	+18	+2.2	-3.8	+72	+5.7	+0.8	+0.2	-0.1	+2.6	+102	+92	+89
2011	ABCG108	ABCD106	ABC PASTORAL DIPLOMAT D106	6.8	+145	-0.3	-0.5	-4.1	+6.5	+50	+89	+116	+104	+15	+2.2	-4.5	+65	+7.6	+0.7	+1.1	-0.1	+3.1	+100	+85	+89
2011	ABCG110	ABCD145	ABC PASTORAL REGENT D145	6.1	+160	+1.5	+0.1	-3.3	+4.9	+49	+91	+116	+99	+15	+2.1	-4.8	+73	+8.4	+0.4	+0.1	+0.3	+3.7	+106	+93	+91
2011	ABCG113	ABCC574	ABC PASTORAL C574	2.5	+143	-0.6	-0.4	-5.1	+5.5	+53	+99	+125	+113	+17	+2.0	-4.6	+71	+6.0	+1.3	+0.9	-0.2	+2.9	+102	+90	+91
2011	ABCG114	ABCD106	ABC PASTORAL DIPLOMAT D106	5.0	+141	+0.0	-1.0	-3.3	+5.8	+45	+86	+110	+98	+16	+2.5	-4.7	+64	+7.0	+0.4	+0.7	-0.3	+3.2	+94	+81	+83
2011	ABCG119	MAXF4	MAXIMUM AMBASSADOR F4	4.4	+149	+1.3	-0.2	-4.4	+5.5	+52	+96	+121	+105	+14	+2.3	-3.5	+71	+7.0	-0.8	-1.0	+0.6	+3.0	+105	+93	+92
2011	ABCG120	ABCC574	ABC PASTORAL C574	3.0	+141	+0.2	+0.7	-5.0	+5.2	+48	+92	+116	+102	+19	+1.5	-4.2	+68	+7.1	+1.0	+0.6	+0.2	+2.8	+100	+90	+87
2011	ABCG123	ABCC574	ABC PASTORAL C574	3.2	+141	+0.9	+0.8	-5.6	+3.7	+48	+92	+117	+104	+21	+1.9	-4.2	+69	+6.2	+1.5	+1.3	-0.3	+2.8	+100	+88	+86
2011	ABCG124	ABCD145	ABC PASTORAL REGENT D145	4.0	+161	+0.9	+0.0	-4.0	+4.8	+50	+93	+120	+101	+16	+2.2	-4.9	+72	+8.3	+0.7	+0.4	+0.3	+3.6	+108	+94	+93
2011	ABCG125	ABC145	ABC PASTORAL REGENT D145	5.5	+163	+0.4	-0.7	-4.1	+5.7	+55	+96	+127	+114	+17	+2.0	-4.4	+77	+8.3	+0.5	+0.3	+0.4	+3.6	+112	+94	+98
2011	ABCG126	ABCC574	ABC PASTORAL C574	3.2	+147	+0.6	+1.1	-5.3	+4.3	+50	+99	+122	+104	+21	+2.3	-4.9	+70	+6.2	+1.1	+0.9	-0.1	+2.9	+105	+95	+90
2011	ABCG127	ABCE7	ABC PASTORAL BARTEL E7	4.4	+145	+2.5	+1.4	-5.4	+3.0	+46	+89	+110	+85	+15	+2.8	-4.7	+67	+8.4	+0.4	+0.6	+0.9	+2.7	+106	+94	+89
2011	ABCG128	ABCD106	ABC PASTORAL DIPLOMAT D106	5.5	+149	+0.2	-0.9	-4.4	+5.9	+51	+89	+118	+107	+16	+2.1	-4.6	+68	+7.7	+0.0	+0.5	+0.3	+3.2	+104	+87	+91
2011	ABCG129	MAXF4	MAXIMUM AMBASSADOR F4	5.9	+148	+1.3	+0.7	-4.2	+4.8	+52	+92	+115	+95	+16	+2.0	-4.7	+68	+6.5	+0.4	+0.3	+0.1	+3.2	+102	+91	+86
2011	ABCG132	ABCE7	ABC PASTORAL BARTEL E7	4.8	+144	+2.4	+1.4	-5.4	+3.1	+49	+87	+111	+81	+19	+2.5	-4.7	+67	+8.2	+0.2	+0.2	+1.1	+2.4	+108	+95	+90
2011	ABCG136	ABCE7	ABC PASTORAL BARTEL E7	5.1	+146	+2.0	+0.4	-4.9	+4.1	+51	+91	+116	+89	+19	+2.4	-4.8	+67	+8.1	+0.4	+0.4	+0.9	+2.6	+108	+95	+92
2011	ABCG143	MAXF4	MAXIMUM AMBASSADOR F4	5.1	+155	+0.0	+0.2	-4.9	+5.6	+51	+97	+122	+102	+12	+2.8	-4.5	+69	+7.4	+0.4	+0.2	+0.3	+3.3	+106	+93	+92
2011	ABCG145	ABCC574	ABC PASTORAL C574	3.3	+147	+1.1	+0.6	-5.8	+3.9	+52	+97	+124	+110	+22	+2.0	-4.4	+74	+6.2	+0.9	+0.8	+0.0	+2.9	+106	+93	+92
2011	ABCG146	MAXF4	MAXIMUM AMBASSADOR F4	5.7	+153	+1.9	+0.7	-4.6	+4.0	+47	+87	+112	+83	+17	+2.3	-4.5	+66	+7.3	+0.1	+0.0	+0.2	+3.2	+103	+90	+86
2011	ABCG152	ABCD106	ABC PASTORAL DIPLOMAT D106	5.9	+146	+0.1	-0.7	-3.8	+5.3	+45	+82	+107	+87	+16	+2.2	-4.9	+62	+8.0	+0.3	+0.8	+0.0	+3.3	+97	+82	+83
2011	ABCG153	MAX16290873	MAXIMUMPROGRESS	5.5	+143	+0.6	+0.8	-3.3	+4.0	+45	+83	+104	+79	+19	+0.8	-4.7	+60	+7.6	+0.3	+0.4	+0.5	+3.1	+97	+87	+82
2011	ABCG155	ABCD145	ABC PASTORAL REGENT D145	3.7	+158	-1.0	-0.9	-3.3	+6.8	+57	+101	+129	+114	+16	+2.2	-5.3	+76	+7.8	+0.6	+0.6	+0.3	+3.4	+111	+95	+98
2011	ABCG157	ABCE7	ABC PASTORAL BARTEL E7	4.4	+146	+2.2	+1.4	-5.4	+3.2	+47	+90	+112	+87	+15	+2.8	-4.7	+68	+8.4	+0.4	+0.6	+0.9	+2.7	+107	+95	+90
2011	ABCG161	MAXF4	MAXIMUM AMBASSADOR F4	5.2	+152	+1.9	+1.1	-5.0	+3.9	+48	+92	+116	+92	+17	+2.5	-4.6	+66	+7.0	+0.0	-0.2	+0.4	+3.1	+106	+94	+88
2011	ABCG181	ABCE7	ABC PASTORAL BARTEL E7	6.3	+138	+3.9	+2.0	-5.1	+1.7	+41	+76	+99	+73	+16	+2.1	-4.4	+62	+8.3	+0.0	-0.1	+1.1	+2.5	+101	+87	+82
2011	ABCG189	MAXF4	MAXIMUM AMBASSADOR F4	6.1	+152	-0.1	-0.8	-4.8	+6.1	+53	+93	+123	+105	+14	+2.2	-4.2	+69	+7.7	+0.1	-0.4	+0.6	+3.0	+107	+90	+94
2011	ABCG196	ABCD145	ABC PASTORAL REGENT D145	3.6	+159	+0.9	-1.2	-4.2	+5.6	+52	+93	+120	+100	+15	+2.3	-5.6	+70	+8.4	+1.1	+0.9	+0.1	+3.5	+108	+92	+93
2011	ABCG199	ABC106	ABC PASTORAL DIPLOMAT D106	8.1	+141	+0.4	-1.4	-3.3	+5.8	+43	+80	+106	+97	+14	+1.8	-4.6	+63	+7.7	+0.1	+0.4	+0.1	+3.2	+94	+78	+83

DAMS		SIRES		POTENTIAL PROGENY MID-PARENT VALUES																				
Calv.	ID	ID	Name	Prog. Inb. %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
2011	**ABCG201**	MAXF4	MAXIMUM AMBASSADOR F4	6.7	+151	+0.6	+0.0	-5.8	+5.3	+51	+90	+120	+97	+17	+2.1	-4.3	+65	+7.3	-0.4	-0.6	+0.7	+2.9	+107	+91	+92
2011	**ABCG211**	ABCC574	ABC PASTORAL C574	3.2	+144	+0.6	+0.5	-5.5	+4.3	+48	+95	+117	+99	+22	+2.7	-4.7	+69	+6.6	+1.6	+1.4	-0.2	+2.9	+102	+93	+87
2011	**ABCG213**	ABCD106	ABC PASTORAL DIPLOMAT D106	5.9	+141	+1.0	-0.4	-4.6	+4.8	+45	+78	+104	+87	+15	+2.0	-4.7	+59	+7.6	+0.6	+0.7	+0.1	+3.2	+94	+79	+81
2011	**ABCG236**	ABCD106	ABC PASTORAL DIPLOMAT D106	6.1	+147	+0.5	-1.0	-4.5	+5.9	+50	+87	+114	+97	+15	+2.1	-4.5	+67	+8.2	-0.5	-0.3	+0.6	+3.0	+103	+88	+90
2011	**ABCG237**	ABCC574	ABC PASTORAL C574	3.0	+142	+1.5	+0.4	-5.6	+3.4	+45	+91	+114	+93	+21	+2.7	-4.7	+68	+6.3	+1.4	+0.9	-0.1	+2.8	+100	+90	+84
2011	**ABCG240**	MAXF4	MAXIMUM AMBASSADOR F4	4.2	+146	+1.4	+0.6	-4.4	+4.2	+44	+83	+108	+83	+16	+2.7	-4.6	+62	+7.0	+0.6	+0.2	+0.1	+3.1	+98	+85	+82

Total Eligible Dams = 178

DISCLAIMER:

Potential progeny mid-parent values are provided to assist breeders estimate the outcome of particular mating combinations.

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The actual EBVs for any individual progeny resulting from a particular mating are likely to vary from the potential progeny mid-parent values.

Summary Information

Candidate Dams

	Inbred %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
Minimum	0.2	+58	-5.5	-5.4	-7.8	+0.6	+28	+48	+64	+40	+2	-0.5	-7.6	+32	-0.1	-3.5	-3.8	-0.7	+0.4	+55	+50	+42
Maximum	11.2	+135	+4.6	+4.5	+1.0	+7.8	+59	+105	+133	+132	+23	+3.0	-0.1	+75	+8.4	+2.0	+2.4	+2.0	+2.7	+111	+98	+99
Average	3.1	+108	+0.4	+0.7	-4.2	+4.3	+44	+80	+101	+87	+15	+1.7	-4.3	+57	+4.6	-0.7	-0.4	+0.6	+1.5	+87	+78	+75
Std Dev	1.8	+16	+1.6	+1.6	+1.4	+1.6	+6	+11	+14	+19	+4	+0.6	+1.2	+8	+1.5	+1.0	+1.2	+0.6	+0.4	+11	+9	+11
Range	11.0	+77	+10.1	+9.9	+8.8	+7.2	+31	+57	+69	+92	+21	+3.5	+7.5	+43	+8.5	+5.5	+6.2	+2.7	+2.3	+56	+48	+57

Count: 178

Candidate Sires

	Inbred %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
Minimum	1.0	+158	-5.4	-2.2	-6.5	+0.9	+43	+81	+98	+69	+13	-0.4	-4.9	+60	+7.4	+0.6	-0.2	-0.8	+3.2	+99	+85	+82
Maximum	10.5	+199	+5.3	+2.7	-0.8	+7.5	+55	+103	+132	+115	+24	+2.8	-3.4	+86	+12.0	+2.7	+1.9	+1.3	+5.3	+120	+102	+105
Average	6.6	+171	+0.8	+0.0	-4.2	+4.5	+49	+92	+117	+94	+18	+2.1	-4.3	+73	+10.1	+1.3	+0.8	+0.2	+4.2	+109	+95	+94
Std Dev	3.4	+14	+3.3	+1.7	+1.9	+2.4	+4	+8	+12	+17	+4	+1.1	+0.5	+9	+1.6	+0.8	+0.7	+0.7	+0.6	+7	+6	+7
Range	9.5	+41	+10.7	+4.9	+5.7	+6.6	+12	+22	+34	+46	+11	+3.2	+1.5	+26	+4.6	+2.1	+2.1	+2.1	+2.1	+21	+17	+23

Count: 7 Sires for 178 Matings

Potential Progeny Mid-Parent Values

	Inbred %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
Minimum	1.3	+112	-3.7	-3.8	-6.4	+1.1	+37	+69	+89	+66	+8	+0.0	-6.1	+52	+3.7	-1.4	-1.7	-0.7	+2.0	+82	+71	+67
Maximum	9.4	+164	+4.1	+2.9	-0.3	+7.2	+57	+101	+129	+120	+23	+2.9	-2.3	+77	+9.4	+2.0	+2.0	+1.6	+3.8	+113	+100	+98
Average	4.5	+141	+0.4	+0.3	-4.2	+4.6	+47	+87	+110	+92	+16	+2.0	-4.3	+66	+7.4	+0.4	+0.2	+0.4	+2.9	+99	+87	+85
Std Dev	1.5	+10	+1.7	+1.2	+1.2	+1.3	+4	+6	+8	+11	+3	+0.5	+0.6	+5	+0.9	+0.6	+0.7	+0.5	+0.4	+6	+6	+6
Range	8.1	+52	+7.8	+6.7	+6.1	+6.1	+20	+32	+40	+54	+15	+2.9	+3.8	+25	+5.7	+3.4	+3.7	+2.3	+1.8	+31	+29	+31

Count: 178

Herd Trends

	Inbred %	LF	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	DC	Cwt	EMA	Rib	P8	RBY	IMF	HG	SF	TI
2010 (213)	3.2	+106	+0.3	+0.3	-4.3	+4.0	+44	+80	+101	+87	+15	+1.7	-4.2	+58	+4.4	-0.6	-0.3	+0.5	+1.5	+86	+29	+31
2011 (223)	3.4	+114	+0.9	+0.8	-4.4	+4.0	+45	+83	+105	+88	+16	+1.8	-4.3	+59	+4.8	-0.4	-0.2	+0.5	+1.6	+90	+29	+31

DISCLAIMER:

Potential progeny mid-parent values are provided to assist breeders estimate the outcome of particular mating combinations.

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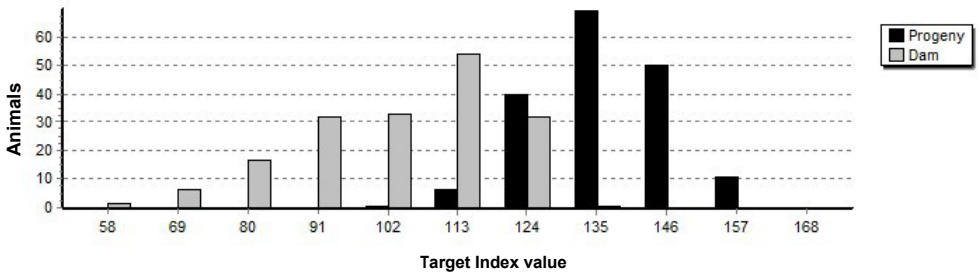
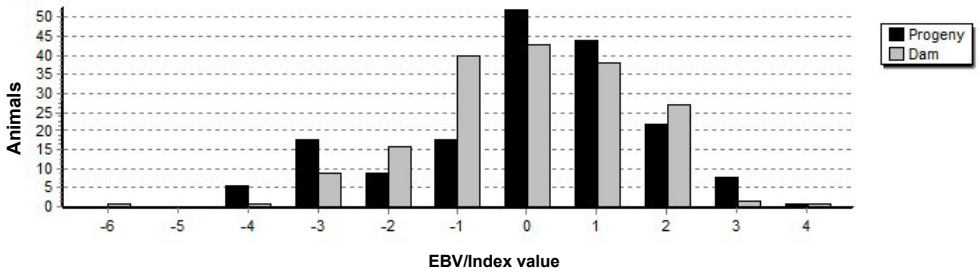
The actual EBVs for any individual progeny resulting from a particular mating are likely to vary from the potential progeny mid-parent values.

Effect of MateSel Strategy on BREEDPLAN EBVs & Selection Indexes

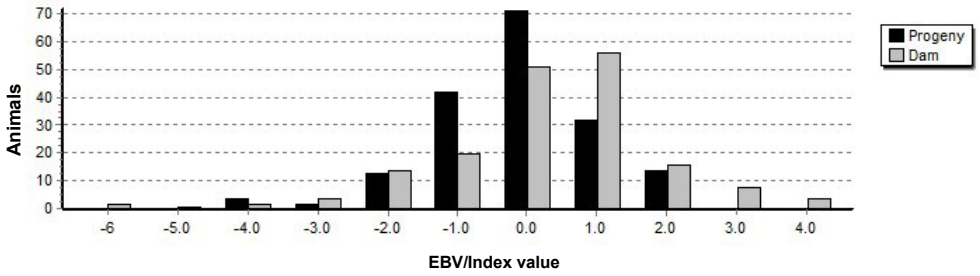
Long Fed/CAAB Distribution



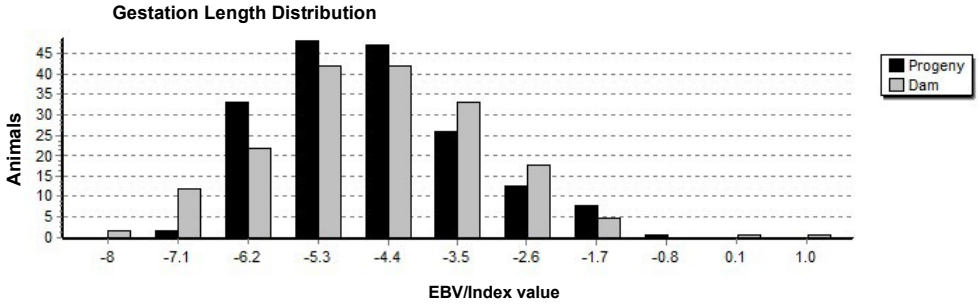
Calving Ease Direct Distribution



Calving Ease Daughters Distribution

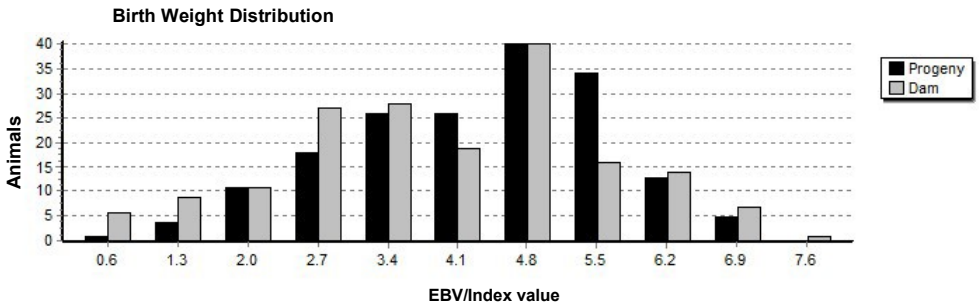


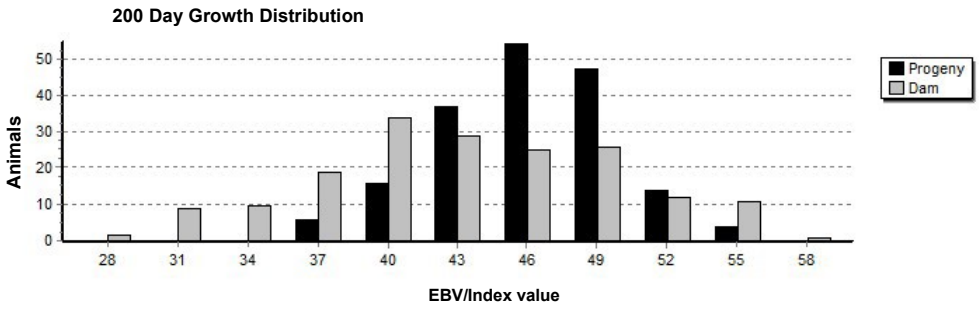
Gestation Length Distribution

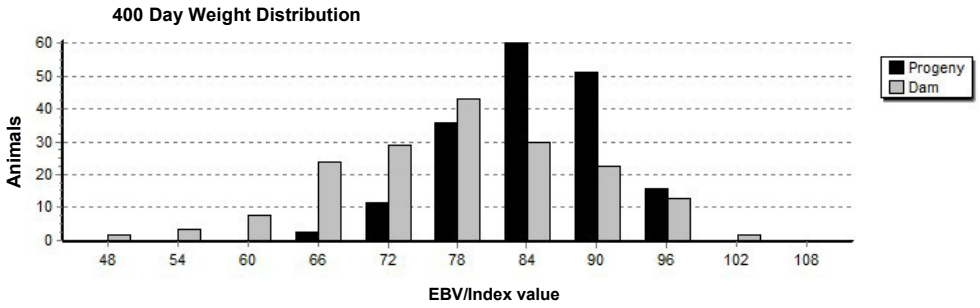


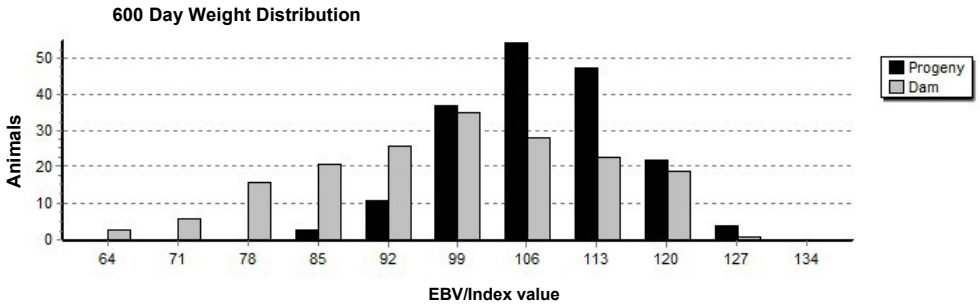
These graphs show the distribution of the potential progeny EBVs & Selection Indexes compared to the dams' current distribution.

Effect of MateSel Strategy on BREEDPLAN EBVs & Selection Indexes









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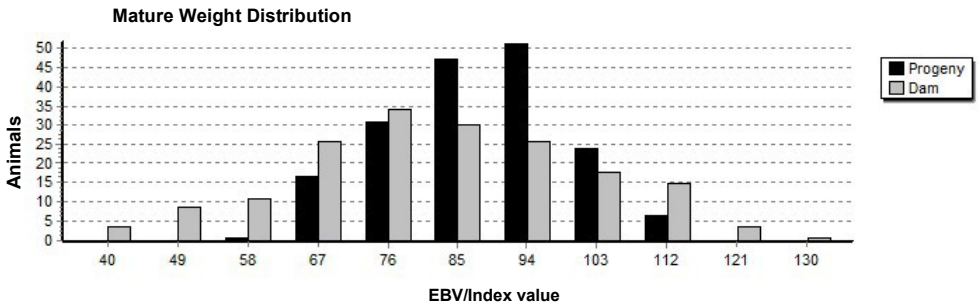
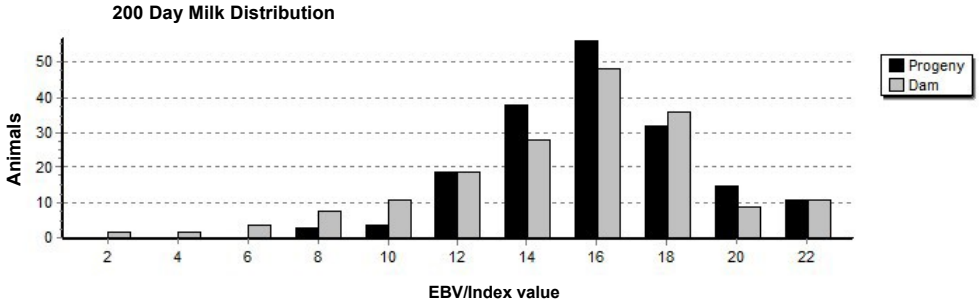
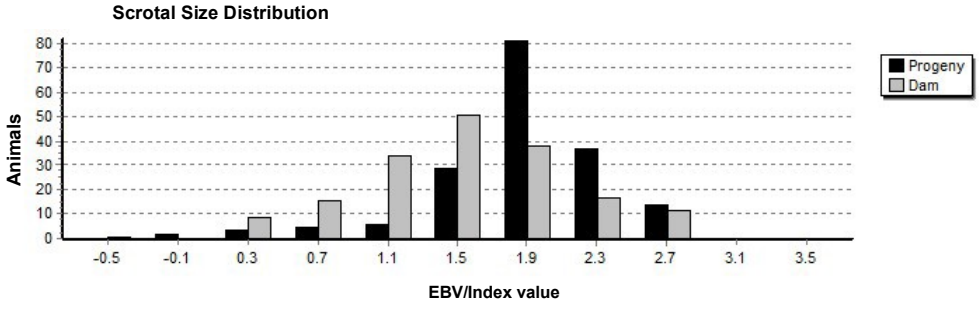
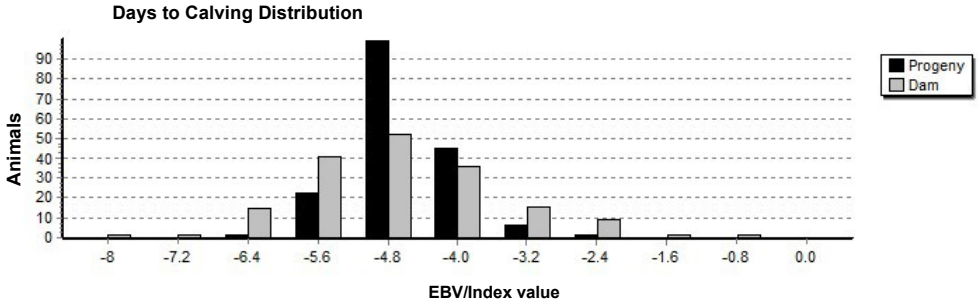
Effect of MateSel Strategy on BREEDPLAN EBVs & Selection Indexes



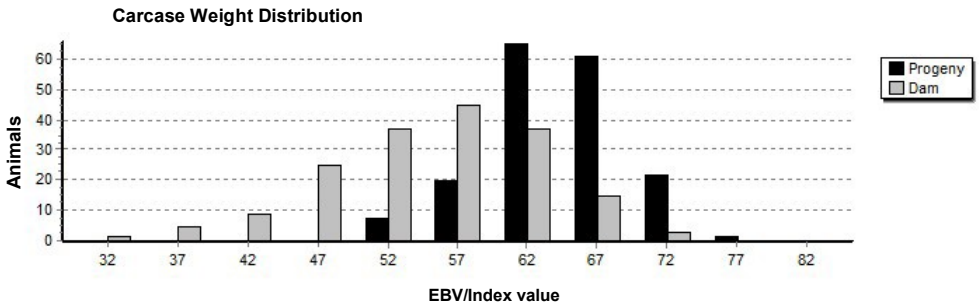


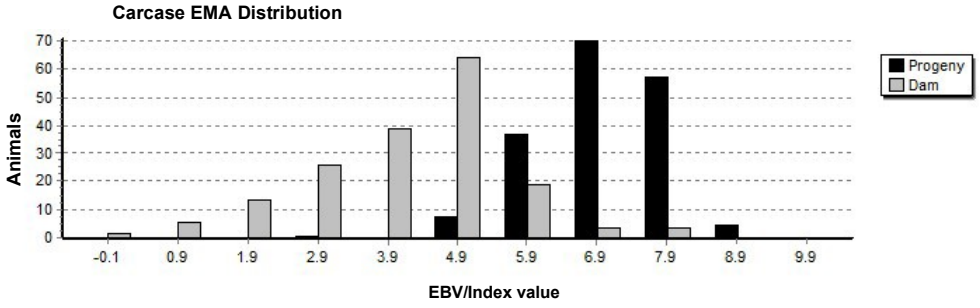


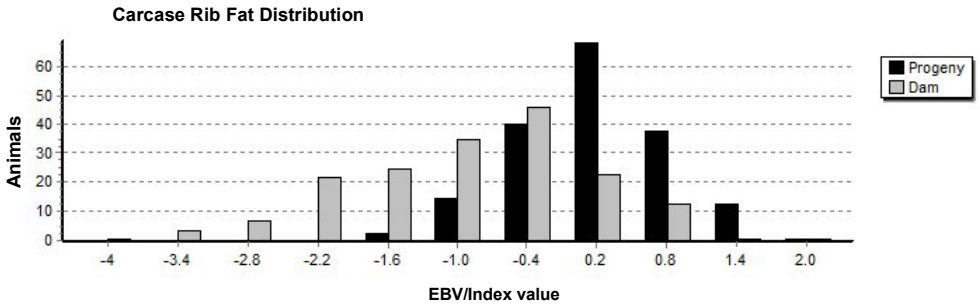


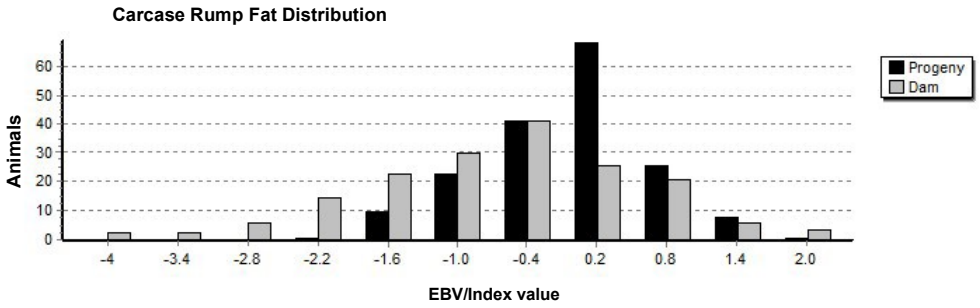
These graphs show the distribution of the potential progeny EBVs & Selection Indexes compared to the dams' current distribution.

Effect of MateSel Strategy on BREEDPLAN EBVs & Selection Indexes



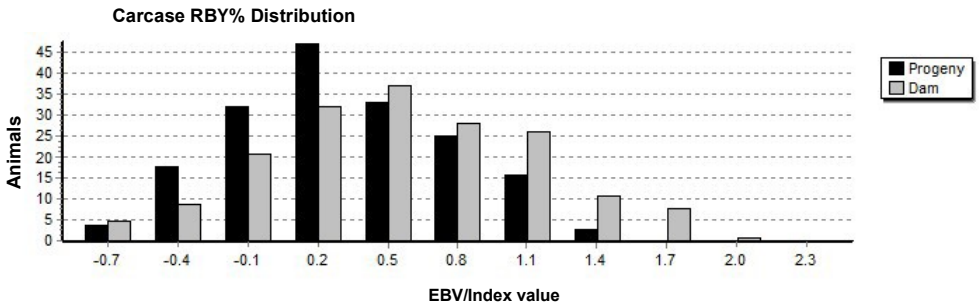


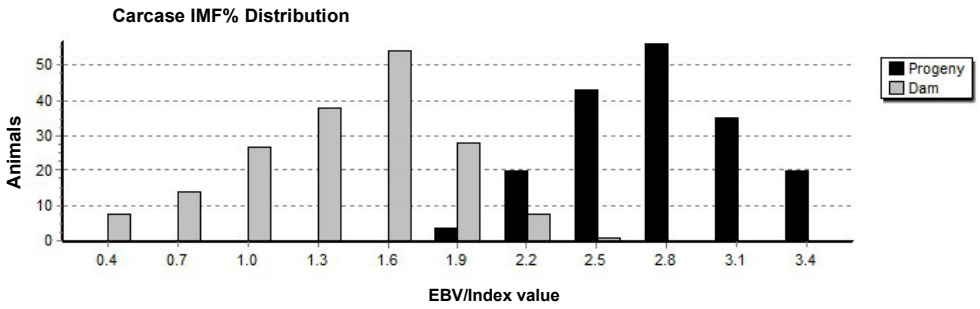


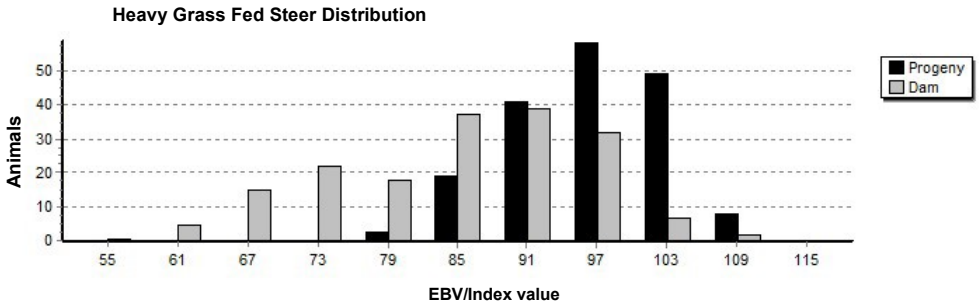


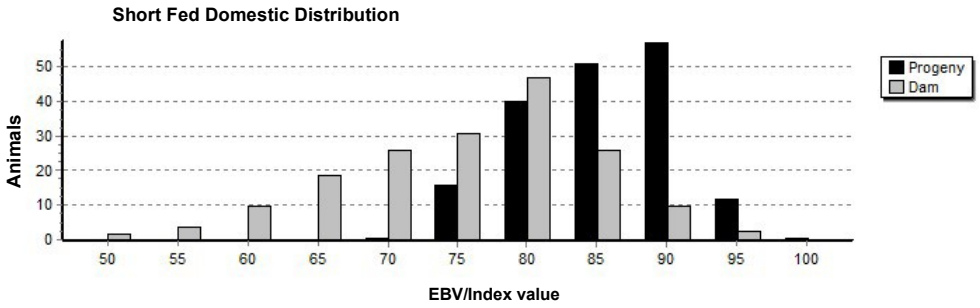
These graphs show the distribution of the potential progeny EBVs & Selection Indexes compared to the dams' current distribution.

Effect of MateSel Strategy on BREEDPLAN EBVs & Selection Indexes



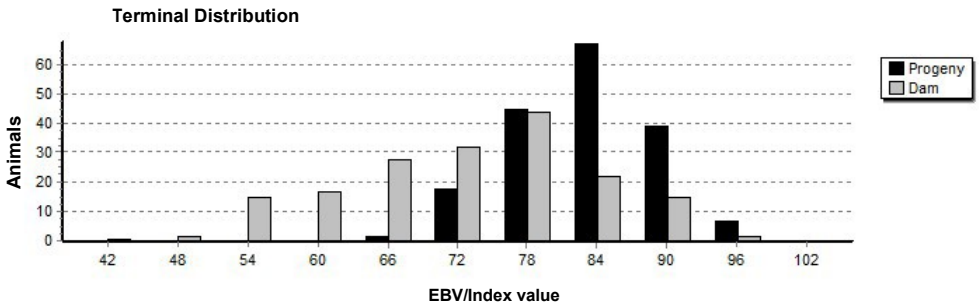






These graphs show the distribution of the potential progeny EBVs & Selection Indexes compared to the dams' current distribution.

Effect of MateSel Strategy on BREEDPLAN EBVs & Selection Indexes

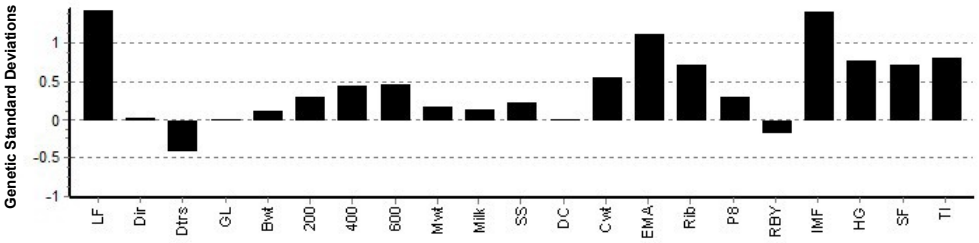


These graphs show the distribution of the potential progeny EBVs & Selection Indexes compared to the dams' current distribution.

Effect of MateSel Strategy - Potential Progeny Summary

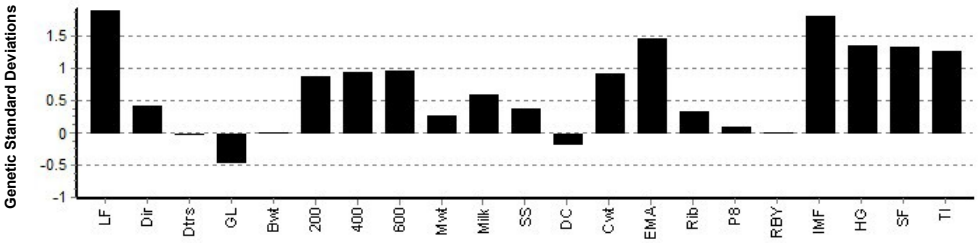
We can't meaningfully compare trait changes for diverse traits like birth weight and 600 day weight. However by expressing the potential change in genetic standard deviation (SD) units, we can validly compare the relative effect on each trait. Larger SD movements indicate larger relative changes in the trait.

Herd Selection Differential



Average Index and EBV changes expected for potential progeny for mating allocations compared to the Average Index and EBVs of the candidate dams (candidate dam average is zero)

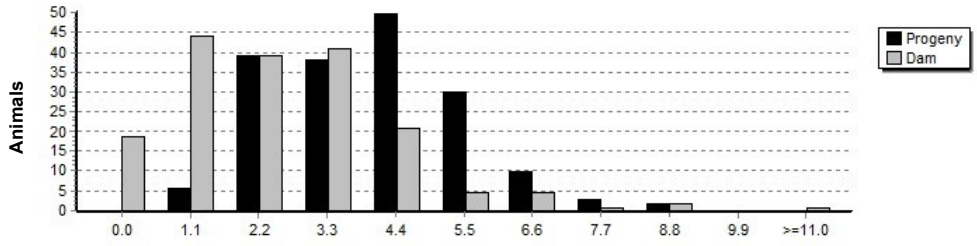
Society Selection Differential



Average Index and EBV changes expected for potential progeny for mating allocations compared to the Average Index and EBVs for the current calves in the society analysis (society average is zero)

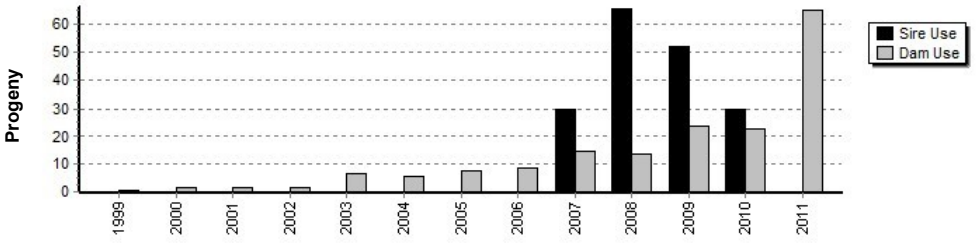
Summary Information - Inbreeding % and Age Structure

Inbreeding % Distribution



Inbreeding % of the potential progeny from the matings compared to the dams

Sire and Dam use by Birth Year



Use of dam and sire by year of birth. Sire use is sire birth year with number of potential progeny based on mating allocations.