

**Economic Breeding Index (EBI)
Herd Summary Report - Aug 2006**

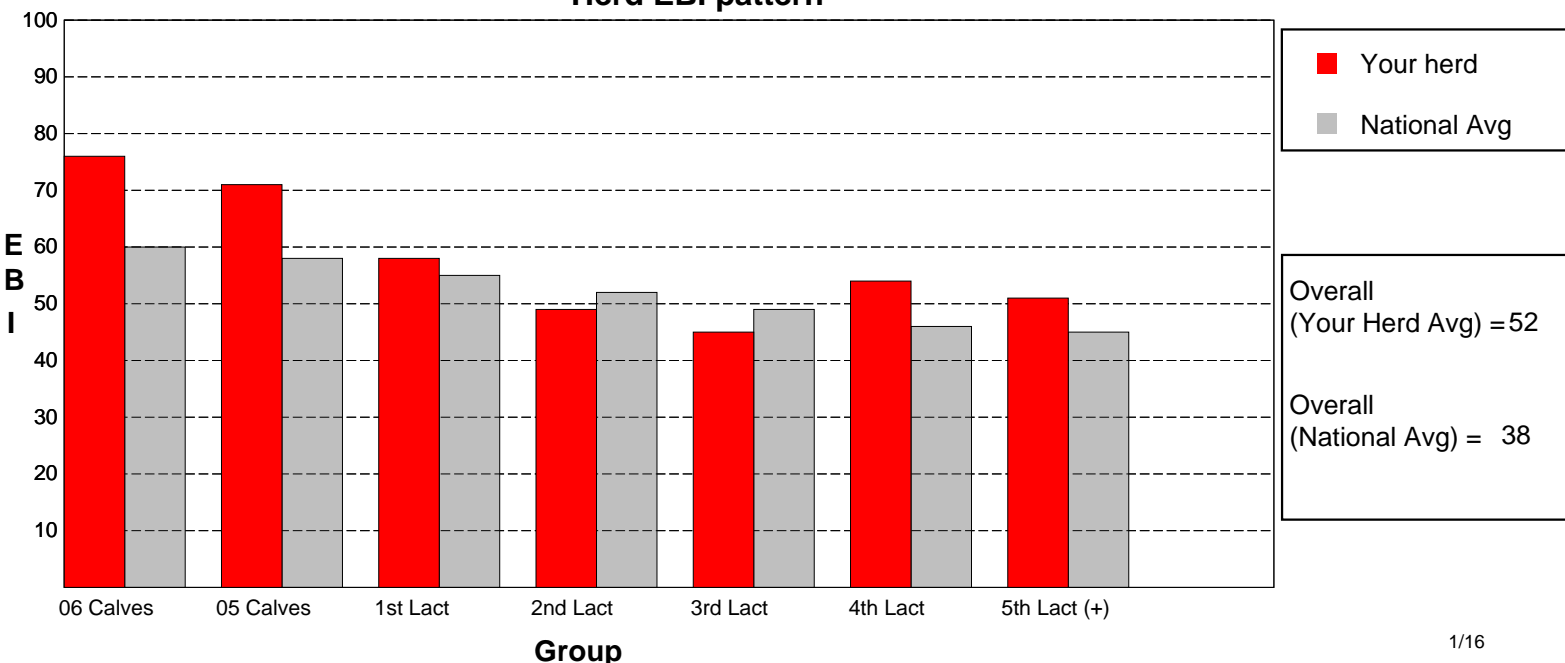
Herd Owner: HIGHFIELD FARM
Herd Number: IE1234567
Print Date: 23/08/2006

1. Active Cows in Milk Recording and Dairy Youngstock

Average EBI for all Holstein Friesian cows with; (i) a known sire (or milk recorded progeny with a known sire), (ii) valid lactation record (between 1 and 5) and (iii) are currently on your farm.

Group	Num of Cows	M Kg F Kg P Kg	F% P %	Surv% CI Days	Milk Solids % Contrib	Fertility % Contrib	Calving % Contrib	Beef % Contrib	Health % Contrib	EBI €
Overall Cows	97	200			€ 45.9	€ 5.8	€ 0.3	€ 2.1	€ -2.4	€ 52
		7.7	0.00	0.4	84.8%	10.8%	0.6%	3.8%	0%	
		9.6	0.06	-0.2						
1st Lactation	22	210			€ 48.3	€ 8.8	€ -0.1	€ 3.5	€ -2	€ 58
		8.3	0.01	0.5	79.7%	14.5%	0%	5.7%	0%	
		10.1	0.06	-0.5						
2nd Lactation	25	231			€ 51.1	€ 0.4	€ 0.1	€ 0.8	€ -3.2	€ 49
		8.1	-0.01	0.2	97.5%	0.8%	0.2%	1.6%	0%	
		11.0	0.06	0.3						
3rd Lactation	14	124			€ 36.3	€ 10.2	€ 0.1	€ 0.4	€ -2.3	€ 45
		5.7	0.03	0.5	77.2%	21.7%	0.2%	0.9%	0%	
		7.2	0.06	-0.7						
4th Lactation	10	174			€ 49.4	€ 5.4	€ -0.1	€ 1.5	€ -2.1	€ 54
		9.0	0.05	0.3	87.7%	9.6%	0%	2.7%	0%	
		9.5	0.07	-0.3						
5th Lactation (+)	26	213			€ 42.9	€ 6.1	€ 1.1	€ 3.2	€ -2.3	€ 51
		7.4	-0.01	0.5	80.4%	11.5%	2.1%	6%	0%	
		9.3	0.04	-0.1						
06 Spring Calves	25	216			€ 50.5	€ 18.8	€ 3.7	€ 4.1	€ -1.2	€ 76
		10.0	0.04	0.8	65.5%	24.4%	4.8%	5.3%	0%	
		10.1	0.06	-1.4						
All 2005 Calves	40	250			€ 52.1	€ 13.5	€ 3	€ 3.3	€ -0.6	€ 71
		9.3	0.00	0.8	72.5%	18.8%	4.2%	4.5%	0%	
		11.1	0.06	-0.7						

Herd EBI pattern



Comparison of top and bottom EBI Cows in your Herd

Steps taken:

1. The top and bottom 2 EBI cows from each year (1999-2003) were selected and the following data extracted:
 - Average lifetime yields for milk, fat and protein kgs
2. The average milk production was calculated for both groups (denoted A & B).
3. The difference between the 2 groups (denoted C) was established and an overall profit was calculated.
4. The cows are ordered by birth year.

Top

Cow FB No.	EBI	Birth Date	Lact	Average Lifetime Lactation Details				
				M Kg	F Kg	P Kg	F%	P%
3600	€ 69	15-Sep-99	4	8635	426	316	4.93%	3.66%
3730	€ 80	04-Oct-99	5	9201	438	333	4.76%	3.62%
467	€ 81	09-Oct-00	4	7830	357	299	4.56%	3.82%
487	€ 102	19-Nov-00	3	7272	364	281	5.01%	3.86%
537	€ 88	06-Sep-01	2	14996	693	552	4.62%	3.68%
566	€ 84	09-Dec-01	3	7612	344	279	4.52%	3.67%
582	€ 82	19-Feb-02	2	12310	553	468	4.49%	3.8%
628	€ 61	17-Oct-02	2	6664	298	250	4.47%	3.75%
674	€ 76	14-Feb-03	2	7158	358	261	5 %	3.65%
690	€ 81	02-Apr-03	2	5721	248	203	4.33%	3.55%
A AVE	€ 80	09-Aug-01	3	8740	408	324	4.67%	3.71%

Bottom

Cow FB No.	EBI	Birth Date	Lact	Average Lifetime Lactation Details				
				M Kg	F Kg	P Kg	F%	P%
3380	€ 34	11-Feb-99	5	8352	367	303	4.39%	3.63%
3590	€ 30	15-Sep-99	5	8810	381	293	4.32%	3.33%
424	€ 22	16-Feb-00	3	15052	607	505	4.03%	3.36%
480	€ 25	01-Nov-00	2	8644	408	301	4.72%	3.48%
508	€ 25	14-Feb-01	3	7763	430	290	5.54%	3.74%
530	€ 8	27-Mar-01	2	11042	500	388	4.53%	3.51%
593	€ 12	09-Mar-02	2	5131	209	169	4.07%	3.29%
604	€ 17	17-Apr-02	2	8644	341	278	3.94%	3.22%
664	€ 48	01-Feb-03	2	6356	268	221	4.22%	3.48%
683	€ 45	13-Mar-03	2	6337	237	206	3.74%	3.25%
B AVE	€ 27	16-Apr-01	3	8613	375	295	4.35%	3.43%

Difference

C	Difference	€ 54		126.8	33.1	28.8	
	Economic Values			€ -0.08	€ 1.55	€ 5.27	Overall
D	Profit/lactation			€ -10.6	€ 51.3	€ 151.8	€ 192

Based on information from the average lifetime lactations:

1. Top EBI cows produced 126.8 kg more milk carrier generating a relative loss of -10.6 €/lactation (cost of transporting and processing milk is 0.08 €/kg).
2. Top EBI cows produced 33.1 kg more milk fat generating a relative profit of +51.3 €/lactation (value of 1kg fat is 1.55 € after accounting for feed and quota costs).
3. Top EBI cows produced 28.8 kg more milk protein generating a relative profit of +151.8 €/lactation (value of 1kg protein is 5.27 € after accounting for feed costs).
- 4. Top EBI cows had an increased profit per lactation of 192 €.**

Economic Breeding Index (EBI) Animal Report - Aug 2006

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FB Name Breed	Cow ID	Sire ID Dam FB MG Sire ID	Sire EBI Dam EBI MGS EBI	C. Date Age Lact.	M Kg F Kg P Kg	F % P %	Surv% CI (Days)	Milk Solids Calving	Fertility Beef Health	EBI € Herd Rk.
8	IESNNH0008G	ASE	42	07/02/2006	108		1.3	€ 63	€ 25	€ 86
P JERRI 5		318	45	10y 6m	16.0	0.22	-1.5	€ -6	€ 5	4
HO 84.4% FR 15.6%		DSK	-26	9	9.0	0.10			€ 0	
67	IESNNH0067P	ELC	65	04/12/2005	7		1.5	€ 19	€ 34	€ 60
P ROSE 5		271	6	9y 11m	6.0	0.11	-2.5	€ 5	€ 0	33
HO 62.5% FR 37.5%		WYT	-13	8	2.0	0.04			€ 2	
136	IESNNH0136W	ELC	65	19/04/2006	248		1.6	€ 52	€ 26	€ 86
P MARIA 7		247	73	9y 6m	9.5	0.00	-1.2	€ 8	€ 5	5
HO 46.9% FR 40.6%		BEY	58	8	11.0	0.05			€ -4	
148	IESNNH0148P	ELC	65	20/03/2005	230		1.6	€ 61	€ 19	€ 91
P IRIS 5		342	83	9y 6m	9.0	0.01	-0.4	€ 6	€ 8	2
HO 84.4% FR 3.1%		EZB	70	6	12.5	0.09			€ -2	
167	IESNNH0167K	ELC	65	05/04/2006	127		0.8	€ 23	€ 9	€ 44
P NANNYBREEZE 9		261	-6	9y 5m	3.0	-0.04	0.1	€ 5	€ 11	69
HO 53.1% FR 46.9%		TBN	-20	8	5.5	0.03			€ -3	
200	IESNNH0200Q	ASI	45	05/03/2005	91		0.4	€ 31	€ 14	€ 51
P NORA MAY 36		288	56	8y 10m	4.5	0.02	-1.4	€ 1	€ 2	55
HO 65.6% FR 34.4%		CHW	38	5	6.0	0.06			€ 3	
205	IESNNH0205E	ASI	45	26/02/2004	301		-0.9	€ 73	€ -10	€ 58
P MILLIE 10		319	16	8y 9m	19.0	0.13	0.0	€ -3	€ -2	41
HO 87.5% FR 0%		COA	-37	4	13.0	0.06			€ 0	
208	IESNNH0208X	RRG	12	15/11/2005	258		0.1	€ 41	€ -9	€ 25
P GUTHERIE NORA MA		353	70	8y 9m	11.5	0.03	1.3	€ -6	€ 0	105
HO 75% FR 25%		EZF	55	5	8.5	0.00			€ 0	
226	IESNNH0226V	CAU	42	09/02/2005	360		0.2	€ 75	€ -12	€ 63
P IRIS 6		10	76	8y 6m	11.5	-0.04	2.1	€ 7	€ -2	30
HO 93.8% FR 6.3%		EZF	55	5	16.5	0.08			€ -4	
231	IESNNH0231D	ASI	45	13/11/2004	241		0.0	€ 6	€ 6	€ 8
P NANNYBREEZE 10		300	4	8y 6m	-2.0	-0.20	-0.9	€ -1	€ 2	115
HO 78.1% FR 21.9%		BUZ	22	5	5.5	-0.05			€ -5	
244	IESNNH0244T	JOS	33	19/11/2005	222		-0.1	€ 70	€ -5	€ 67
P IRIS 7		342	83	8y 6m	11.0	0.05	0.4	€ 3	€ 0	25
HO 87.5% FR 0%		EZB	70	6	13.5	0.11			€ -2	
262	IESNNH0262R	MAU	94	14/02/2006	-90		1.4	€ 6	€ 52	€ 60
P JILL 5		284	65	8y 5m	0.5	0.08	-5.1	€ 5	€ 5	34
HO 87.5% FR 0%		ARN	78	7	-0.5	0.05			€ -6	
263	IESNNH0263P	ESQ	-2	19/10/2005	418		-0.2	€ 38	€ -5	€ 24
P GRACE 5			29	8y 5m	3.0	-0.22	0.5	€ 0	€ -4	107
HO 75% FR 12.5%		WYT	-13	6	13.0	-0.02			€ -5	
273	IESNNH0273L	ASI	45	05/10/2005	136		0.0	€ 38	€ 7	€ 44
P RITA 7		363	49	7y 11m	6.5	0.03	-1.0	€ 2	€ -3	70
HO 87.5% FR 0%		CAU	42	5	7.5	0.06			€ -1	