



IRISH CATTLE BREEDING FEDERATION

Beef Breeding Update

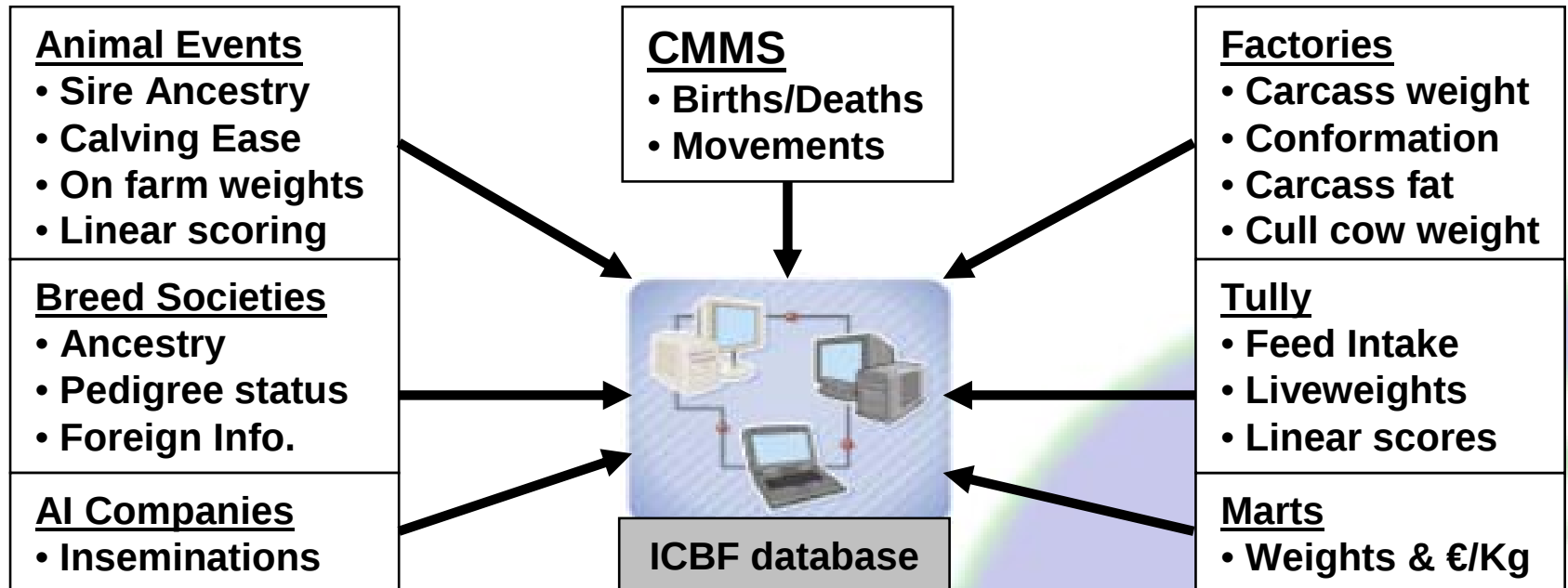
Dr Andrew Cromie

Irish Charolais AGM
10th March 2008

Beef Improvement

- **Breed improvement is dependent on;**
 1. **Data** on animals to be selected.
 - ICBF Cattle Breeding database.
 2. **Indexes** on which to identify the best animals.
 - New Euro-Star Indexes
 3. **Breeding Program** that ensures the best are widely used throughout the industry.
 - GENET IRELAND Breeding program

1. Data for breeding decisions



- Irish beef cattle breeding data;
 - World best; all breeds, all traits, low cost & high efficiency.
 - 2007; 30k ped beef calves & 120k commercial beef calves
 - ***ICBF expect 800k in 2008 – Suckler Cow Welfare Scheme.***
 - ***Potential to revolutionise Irish Beef Breeding.***

But; Must improve recording in breeder herds

Breed	Scored	Weighed	Scored in a group of 5	150-300 Days old	In WWT Evaluation	%
AA	187	58	157	50	27	14%
AU	217	99	192	40	28	13%
BA	103	42	93	58	35	34%
BB	131	13	66	34	4	3%
CH	3362	1400	2551	856	392	12%
CO	3772	3479	3719	2680	2563	68%
HE	301	99	260	60	33	11%
LM	4446	1426	3395	1062	430	10%
PI	63	-	44	19	-	-
PT	47	23	44	15	12	26%
SA	147	86	128	36	27	18%
SH	23	7	17	7	4	17%
SI	1259	790	1020	389	237	19%

- Past focus on BLUP muscle. Must move to weights.

New “GROW” Service.

- GROW; Genetic Recording of Weanlings
- Launched in 2007.
- Improve weight recording in pedigree herds.
- New rules; All eligible animals must be Scored AND Weighed.
 - 150 – 300 days old
 - Min group of 5 – can include different Ped Breeds
 - Preferably by 2 different Sires
 - Commercials with known Sires may be included
 - Max of 3 visits/Breeder/Year
 - Only sick/injured animals may be excluded at discretion of Scorer
- If above rules are not complied with, scores & weights will NOT be used in your BLUP's & Euro-Stars

Why new rules?

- Ensure you receive accurate BLUP & Euro-Star figures
- To comply with best practise in other Countries
 - - France, UK, Australia etc
- *Bottom Line; too many cattle are being scored over 300 days old, in small group sizes, without being weighed.*
- *This is leading to inaccurate BLUP & Euro-Star figures.*

The benefits.....

€uro-Stars

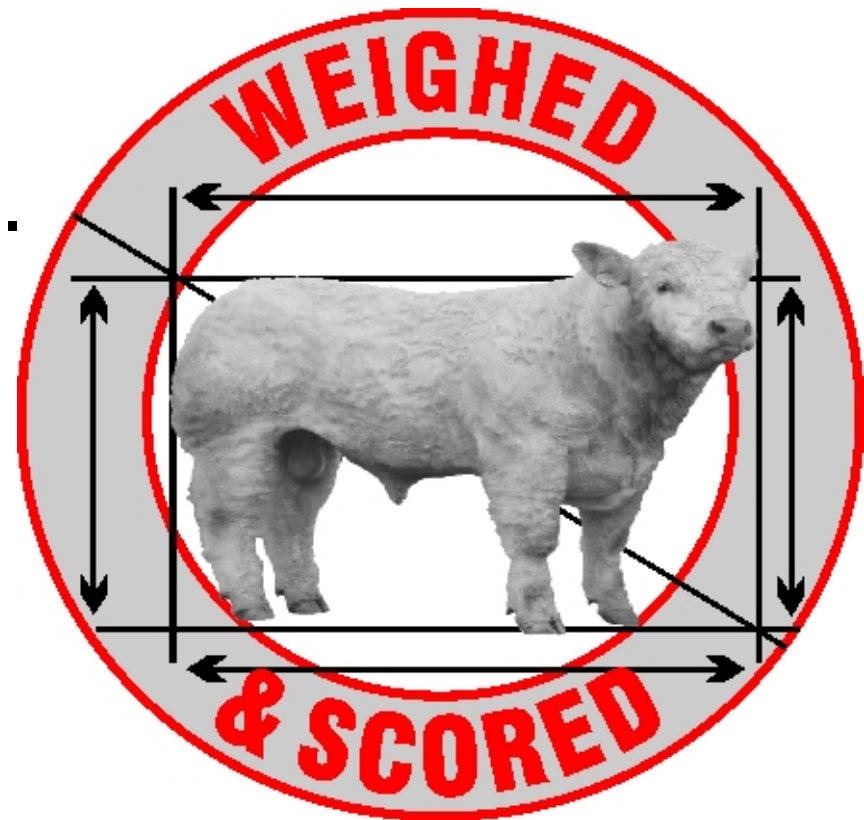
Weanling		Beef		Reliability%		Milk &		Calf	
		Suckler Beef Value (Reliability %)							
Breed		Beef Value			↓ Within Across	Replacement Value			
Group	No.	Calving Traits (Rel %)	Weanling Export (Rel %)	Beef Carcass (Rel %)		Milk & Fert (Rel %)	Calf Value (Rel %)		
		Within Breed Across Breed	Within Across	Within Across		Within Across	Within Across		
New Bull	1	-€ 4	€ 55	€ 81	€ 28	€ 113	€ 205		
		(32%)	(37%)	(35%)	(38%)	(25%)	(36%)		
		*****	***	****	*****	*****	****		
		***	*	****	****	****	*****		

BLUP's

- Muscle Skeletal Function Docility Reliability%

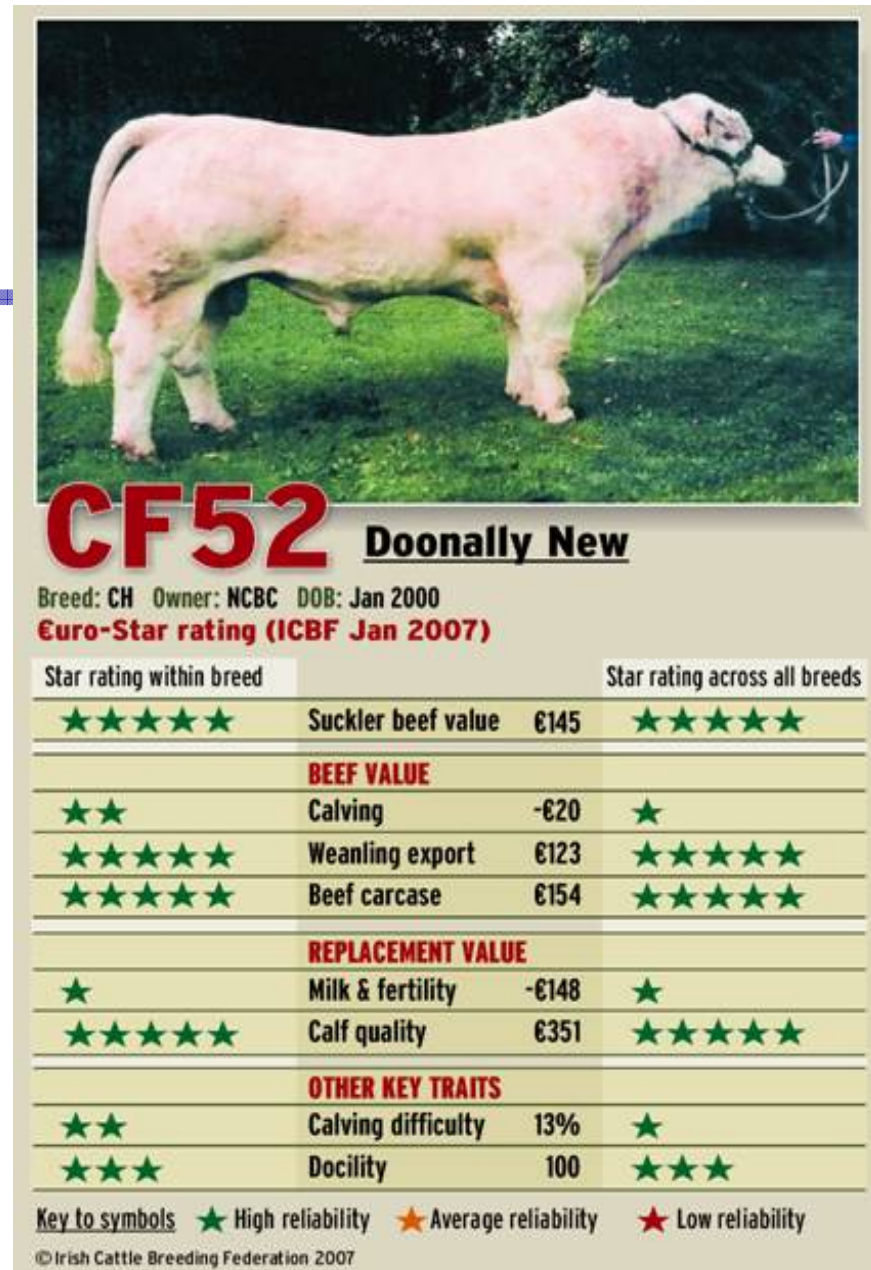
The benefits....

- New “weight” recording reports; sire, age group, breed.
- Elite females & young bulls for GENE IRELAND (see later)
- Get that edge at Society Sales – Performance Test Stamp



2. Beef Euro-star indexes.

- Launched in 2007
- Profit (€) from;
 - Calving
 - Weanlings
 - Slaughter
 - Replacements
 - Overall
- Star ratings
 - 5 stars (* * * * *) is best.
 - CF52 = €145 more profit per calf compared to €0 bull
- **Indexes are working at farm-level**



In simple terms:

- 1 star bull (*) €10/calf
- 5 star bull (* * * * *) €110/calf
- Difference of €100/calf
- Across 30 calves/bull/year
- **€3,000/year.**

Bull Details				Progeny Test (EPD)					Tully	On-Farm BLUP			Calving Survey			Ser
Code	BULL NAME	AI station	Breed	Rel	Growth Kgs	Conf Score	Fat Score	% Kill Out	FCE	Rel	Muscle	Skeleta;	% CD	GL Days	Price	
BJP	BOHEY JASPER	PG/NW	AA	0.57	9.2	0.74	0.48	1.96	.	.	.	.	3.5	279	€ 8	
DVE	DRUMDEEVIN DANCER	PG/NW	AA	0.66	8.5	0.68	0.39	0.94	.	.	.	.	1.7	280	€ 8	
KJE	KBJ JETTA 64 D	PG/NW	AA	0.58	19.2	0.69	0.36	1.50	.	.	.	.	6.3	281	€ 8	
LHL	LAHEENS LARRY	DOVEA AI	AA	0.67	1.0	0.50	0.34	0.89	.	.	.	.	1.3	281	€ 8	
LJP	LAVALLY JACKPOT	PG/NW	AA	0.50	13.1	0.62	0.50	1.36	92	.	.	.	2.6	279	€ 6	
MTL	MINIT OF LISS	PG/NW	AA	0.50	7.9	0.79	0.55	1.46	134	.	.	.	1.0	279	€ 8	
PBO	PROUD BOY OF DUNLEVER	PG/NW	AA	0.59	-0.3	0.57	0.29	1.72	.	.	.	.	1.6	280	€ 8	
RHG	RAINBOW HILLS GOVERNOR 128X	PG/NW	AA	0.55	12.6	0.61	0.36	1.69	.	.	.	.	8.8	281	€ 10	
RHD	RAINBOW HILLS INDEPENDENCE 117	PG/NW	AA	0.65	14.7	0.89	0.46	2.33	.	.	.	.	3.3	281	€ 10	

RUH	ROOSE ULAH															€ 8
AVT	AVIATEUR DU															€ 8
JOK	JOKER DU PO															€ 8
BIG	BUTINEUR DU															€ 8
NEZ	NOTEZ LE ET															€ 8
FPS	FRIPON DE SC															€ 8
GUY	GENERAL DU															€ 10
NRO	NERO															€ 8
TIY	TINTIN DE MY															€ 10
VDC	VICTORIEUX D															€ 12
BSK	BARRACKS DU															€ 8
CF44	DOONALLY CF															€ 8
CF43	DOONALLY DC															€ 8
CF49	DOONALLY FA															€ 8
CF46	DOONALLY FA															€ 8
CF47	DOONALLY FE															€ 8
CF48	DOONALLY FU															€ 8
CF41	ENFIELD CLOV															€ 8
HKI	HARA KIRI															€ 12
HWN	HOLLOWTREE															€ 8
KFC	KNOCKKANE FL															€ 8
MDO	MOGADOR															€ 8
BWT	BAWNGARRIF															€ 8
CJO	CLASHAGAD J															€ 8
CKT	CLONAKENNY															€ 8
CFB	CLOONFREE E															€ 8
GDS	GOLDENFIELD															€ 8
RCE	RATHCOR EXF															€ 8
SBD	SHINAGH BAN															€ 7
BHH	BARNHILL HAM															€ 8
BHO	BREEMOUNT I															€ 8
BHY	BARNHILL HAR															€ 8
FL17	BOLIDE															€ 7
CIO	CORBALLY IDC															€ 8

ICBF Active Beef Bull List 2004 –

• Proofs from;

- Central progeny test (commercial data)
- Tully central performance test (pedigree data)
- On-farm BLUP (pedigree data)
- AI Calving survey (commercial data)

• Systems not connected & not comparable.

• No €-value?

• Which bull is best?

DGA	DERG ALAN	PG/NW	LM	0.69	20.1	1.08	-0.07	3.57	.	0.86	97	85	3.1	287	€ 8	
DAD	DUHALLOW AIDEN	MUNSTER AI	LM	0.63	28.2	1.07	-0.24	3.58	129	0.68	121	97	4.0	285	€ 7	
DWB	DUHALLOW BRENDAN	MUNSTER AI	LM	0.68	30.5	0.94	-0.19	2.59	129	0.68	104	80	4.3	285	€ 7	
KHH	KNOCKNAGREE HAWTHORN	MUNSTER AI	LM	0.58	11.8	0.85	-0.06	3.10	106	0.88	108	101	3.5	285	€ 7	
PYR	POULNASHERRY CRUSADER	MUNSTER AI	LM	0.60	32.6	1.16	0.03	3.64	119	0.90	108	95	0.6	286	€ 7	
BKY	BALLAGAN KELLY	MUNSTER AI	ST	0.61	36.3	0.79	0.21	1.76	107	0.75	83	78	5.0	284	€ 7	
DFI	DOLFI (ET)	DOVEA AI	ST	0.64	23.5	0.61	0.08	1.07	.	.	.	.	1.1	284	€ 10	
DBO	DRUMNEIL BOLERO	PG/NW	ST	0.66	21.7	0.66	-0.05	1.60	.	0.62	75	109	3.4	283	€ 8	
FBX	FREIGHDUFF BRENDAN	PG/NW	ST	0.50	29.5	0.83	0.11	1.53	126	0.91	125	86	4.0	284	€ 12	

ICBF Active Beef Bull List 2007

Bull Details			Suckler Beef Value (€-star)			Beef Value (€-star)				Replacement Value (€-star)			
Code	Name	Brd			Star across breed	Calving		Beef Carcass		Milk & Fertility		Calf Quality	
			€-val	rel		€-val	Star across breed	€-val	Star across breed	€-val	Star across breed	€-val	Star across breed
LWF	LAWSON'S FORD BAGATELL	AA	€96	78	****	€12	*****	€31	**	€155	*****	€126	***
LRH	LAHEENS RICHARD	AA	-€7	74	*	€4	*****	-€32	*	€112	*****	-€82	*
EDJ	DU JARDIN ESPOIR DU JARDIN	BB	€146	81	*****	€3	*****	€112	*****	-€57	*	€296	*****
AED	D'OZO ADMIRE ET	BB	€73	79	***	-€23	*	€84	****	-€18	**	€124	***
MIR	MEILLARD RJ	CH	€196	77	*****	-€15	*	€168	*****	-€51	*	€417	*****
CF51	DOONALLY NICEFOR	CH	€80	82	****	-€27	*	€104	*****	-€86	*	€180	****
RSL	RH STAR BURST LAD 7G	HE	€62	71	***	-€9	**	€26	**	€151	*****	€46	**
CRP	CARHUEFREE PRINCE	HE	€9	77	*	-€1	****	-€14	*	€125	*****	-€50	*
MUC	MAS DU CLO	LM	€153	76	*****	-€13	*	€112	*****	€82	*****	€247	*****
ORS	OURSON	LM	€64	74	***	-€15	*	€71	****	-€33	**	€125	***
HKG	HILLCREST KING	SI	€178	84	*****	-€7	***	€110	*****	€181	*****	€281	*****
FBX	FREIGHDUFF BRENDAN	SI	€30	83	**	-€22	*	€48	***	-€20	**	€64	**

- €100 difference within breeds.
- 5 stars or 1 star = difference of €2,000 profit per year

Top CH AI Bulls - SBV

Code	Name	Brd	Byr	SBV	rel	Calv.	rel	Wean	rel	Carc.	rel	Mat M&F	rel	Mat CQ	rel
NRS	NEVERS RJ	CH	1997	€191	70	-€11	68	€99	79	€156	73	-€1	40	€382	75
VCR	DROMISKIN VICEROY	CH	2004	€187	59	-€10	61	€118	70	€160	58	-€71	29	€406	62
HWN	HOLLOWTREE NICKOLAS	CH	1997	€180	90	-€6	87	€90	95	€150	97	-€33	51	€372	94
MYI	MAERDY IMPECCABLE	CH	1997	€175	65	-€11	59	€102	77	€164	73	-€122	26	€411	74
OTA	OTAGE	CH	1998	€165	58	-€12	43	€104	63	€135	78	€11	16	€314	71
CF52	DOONALLY NEW	CH	1997	€165	97	-€17	97	€113	99	€162	99	-€105	84	€369	98
MVO	MANDELA VERON (ET)	CH	2004	€160	54	-€23	57	€113	60	€143	54	-€3	19	€315	57
NEX	NELSON	CH	1997	€140	63	-€6	66	€85	73	€115	64	-€20	11	€284	69
TZA	LYONSDEMESNE TZAR	CH	2002	€139	78	-€32	81	€115	89	€137	80	€11	20	€253	82
PIX	PHENIX	CH	1999	€139	62	-€31	49	€107	74	€138	79	-€15	16	€281	74
PXU	ENFIELD PLEXUS	CH	1999	€139	81	-€21	80	€90	88	€132	87	-€5	25	€265	87
PNZ	PANAMA	CH	1999	€138	40	-€22	27	€89	73	€137	51	-€42	8	€290	50
PTE	PIRATE	CH	1999	€135	93	-€8	93	€79	96	€123	97	-€59	51	€288	96
KUD	KILCULLEN TED	CH	2002	€133	63	-€20	52	€83	76	€142	76	-€95	27	€305	75
PEU	PEROU	CH	1999	€133	77	-€58	77	€133	78	€171	83	-€29	19	€253	82
OFB	OFFENBACH	CH	1998	€133	40	-€13	27	€90	73	€123	49	-€61	21	€290	48
PHX	PANORAMIX	CH	1999	€132	44	-€21	32	€113	75	€135	54	-€85	20	€289	53
ODI	ORGANDI	CH	1998	€132	92	-€24	91	€91	96	€143	97	-€84	54	€296	96
PBT	PRIME ROBERTO	CH	2000	€130	88	-€20	86	€76	93	€140	94	-€86	42	€292	93
NAP	NAPOLEON	CH	1997	€130	80	-€29	74	€90	82	€140	92	-€36	26	€263	88
F132	DROMISKIN STALLONE (ET)	CH	2001	€128	43	-€8	38	€88	52	€108	49	-€31	13	€265	43

Understanding Indexes

- Head to Head;
- CF52 or HKI; which bull is best?

CF52 or HKI - Fertility?

AI Code		CF52	HKI
Calving interval	PD	7.9	-1.59
	no of daughters	340	224
	dau average	418	397
	hys mate average	408	408

CF52 or HKI - Survival?

AI Code		CF52	HKI
Survival %	PD	-1.43	-0.68
	no of daugthers	583	316
	dau average	75	84
	hys mate average	74	81

CF52 or HKI - Milk?

AI Code		CF52	HKI
maternal weaning weight (kgs)	PD	-8.5	3.72
	no of daughters	83	162
	dau average	319	321
	hys mate average	321	317

- If your looking for milk & fertility; HKI is a better bull than CF52.
- *Indexes reflect reality.*

Understanding Indexes

CF52 or HKI – Maternal Traits

AI Code	CF52	HKI
birth year	1997	1992
Breed	CH	CH
Maternal Index	-€123	€6
Reliability	76	75

- If your looking for milk & fertility; HKI is a better bull than CF52.
- Indexes reflect reality.
- ***This approach is repeatable: Try it!***

Imported animals.

- Conversion equations
 - Requirements per converted traits:
 - About 40 connecting bulls at minimum 40% reliability in Ireland

The converted traits	
Dir. Calving	✓
Mat. Calving	✓
Dir. Wea. Weight	✓
Mat. Wea. Weight	✓
Muscle	✓
Skeletal	✓
Carc. Weight	✓
Carc. Conf.	✓
Calf Quality	✓

Example 1

Index officiels des taureaux
d'insémination animale de race à viande au 16 novembre 2007
10494 dossiers répondent à votre choix



Index officiel des taureaux d'insémination animale de race à viande



Mise a jour des index du 16/11/2007

Édité le 07/03/2008

Charolaise

RITMO

Qualifié RJR

N° FR 7121050113

N°IE 38-56744

Né le 29/02/2000

Naisseur ETS GAEC DES ENGOULEVEN

Maître d'oeuvre du programme : UCEF

Père FR 7193116802

ICARE

Race 38

Mère FR 7191133892

HOULETTE

Race 38

Autorisé à l'épreuve le 21/08/2001

Agréé Qualité Maternelle le 18/10/2007

Facilité de Naissance

Base de référence CH.SF.06

IFNAIS 88 CD 0,92

IBOVAL

Base de référence CH.SF.06

Rang d'indexation 01 (index en base 100)

CR 116 DMsev 114 DSsev 101

ISEVR 119 CD 0,90

AVel 102 ALait 102 MERPsev 112

IVMAT 120 CD 0,83

Nb de camp d'utilisation : 2

Nb de troupeaux : 78

Nb de veaux : 111

Nb de filles : 33

DEE LAP ARC LAC EPD GRC LOB LAH DEV TET AAV AAR RED PPO LAP LIT LOC ETA

Station de Contrôle Individuel

Base de référence CH.CI.06

(index en base 100)

(suffixe 'ci') CR 116

VO 106 EFA 106

DM 112 IABV CD 117 0,46

DS 93 AF 98

QR 114 IMOCR CD 0,47

Consulter un autre outil
version pdf

Consulter La nomenclature

Overall Beef

★ ★ ★ ★ ★

Overall Maternal

★ ★ ★ ★ ★

autre race

Direct calving

★

Matern. WW

★ ★ ★

Matern. calving

★ ★ ★

Direct WW

★ ★ ★ ★ ★

Muscle

★ ★ ★ ★

Skeletal

★ ★ ★

RITMO: No figures in Ireland => Getting an idea of its genetic potential

CHAROLAIS : CONVERTING FRENCH PROOFS INTO IRISH FIGURES

1) Enter below the French proofs

	Proof	Accuracy
IFNAIS	88	0.92
AVel	102	0.64
CRsev	116	0.89
Alait	102	0.74
DMsev	114	0.91
DSsev	101	0.91



RITMO
FR7121050113

Standardised proofs (mean = 100 & std = 8)

Accuracy in numeric format (e.g. 0.68)

Conversion established using French Ibeval 2007 evaluation & Irish January 2008 evaluation

2) Read the converted Irish figures

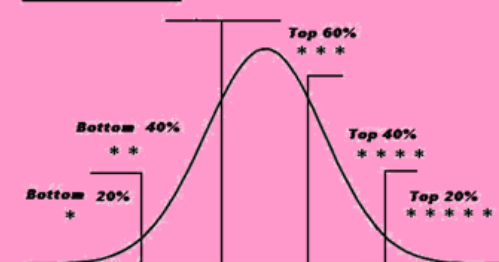
	Proofs	Reliability
Calving difficulty (direct)	5.9	0.37
Calving difficulty (maternal)	-1.8	0.25
Weaning weight (direct)	23.3	0.48
Weaning weight (maternal)	-4.8	0.20
Muscle	125.8	0.54
Skeletal	105.3	0.45
Carcass Conformation	1.9	0.55
Carcass weight	49.6	0.31
Calf quality	30.3	0.70

Note: this exercise give an estimation of the genetic merit of an animal imported from France to Ireland in the Irish base. This conversion spreadsheet doesn't account for a potential blending of converted and existing Irish proofs. The official proofs will be delivered after the beef genetic evaluation has been processed.

3) Read the sub-indexes and Euro-star rating

Across breed		Value	Within breed
Euro-Stars			Euro-Stars
*****	Suckler Beef Value	179	*****
*	Calving traits	-19	*
*****	Weanling export	114	*****
*****	Beef carcass	164	*****
**	Milk & fertility	-46	*****
*****	Calf quality	371	*****
*	% calving difficulty	11.9	*

ICBF Euro-star rating



Conversion formula establish by ICBF, January 2008

Mortality & Gestation length = breed averages

Carc. Fat & feed intake = breed averages

Age 1st cal & Calv interv & Survival & cull cow wgt = breed averages

Gest. length & mortality & feed intake & carc. fat = breed averages

Work in progress....

- Imported animals.
 - Records in both countries.
 - Blending – arbitrary.
- ET calves.
 - Remove from calving, weanling and CI evaluations.
- New Linear Evaluations (BLUP's).
 - All breeds, commercials + foreign data.
- Maternal weaning weight (milk).

3. GEN€ IR€LAND Beef

- Aim of GEN€ IR€LAND is to identify new top AI bulls each year for pedigree breeders.
 - A new top CH bull each year.
- These bulls will then be used to breed stock bulls for commercial farmers.
- Key to beef breeding improvement.

3. GEN€ IRELAND Beef - 2008

- GEN€ IRELAND beef program launched in Spring 2007.
 - 2007; 150 Herds & 3,427 straws
 - 2008 (to-date); 158 Herds & 3,104 straws
 - Sufficient herds to test ~ 5 bulls.
 - Overall; 308 herds on program; ~ 21 straws/herd
- Very positive response from industry.
- Program is expanding (breeds & herds)
- Aim to progeny test 40 bulls in 2008.
 - Potential for 8-10 CH bulls.
 - Currently 14 bulls in Tully (role of Tully in future).

Top Young Bulls for Tully (in May 2008 & out Oct 08)

owner_fname	owner_sname	SIRE_NAME	DAM_NAME	MGS_NAME	SBV	Calv	Carca	Wean	Mat_c	Mat_c
BASIL	BOTHWELL	NEVERS RJ	DERESKIT ROSETTA	MEILLARD RJ	€184	-€12	€151	€100	€2	€368
JOSEPH	LYONS	NEVERS RJ	CARABAWN ROMA	MEILLARD RJ	€176	-€12	€144	€99	€5	€348
JOSEPH	CASSERLY	DROMISKIN VICERO	NEWTOWN. ULTRA	ENFIELD HARA	€174	-€12	€151	€109	-€46	€366
PATRICK	BRETT	NEVERS RJ	GURTAVALLA TAMMY	MEILLARD RJ	€174	-€12	€146	€98	-€10	€351
VICTOR	ALFRED	DROMISKIN VICERO	CURRACLOUGH VALE	PIRATE	€172	-€8	€141	€99	-€20	€350
PETER	SPOLEN	MAJOR	BALLYDOWNAN VICK'	JUPITER	€171	-€22	€154	€113	-€27	€355
PETER	SPOLEN	MAJOR	BALLYDOWNAN VICK'	JUPITER	€171	-€22	€154	€113	-€27	€355
PETER	SPOLEN	MAJOR	BALLYDOWNAN VICK'	JUPITER	€171	-€22	€154	€113	-€27	€355
DECLAN	HETHERTON	DROMISKIN VICERO	KNOCKTEMPLE SHAL	LOISIR	€168	-€11	€141	€93	-€10	€337
ML J	QUIN	DROMISKIN VICERO	CLENAGH VIXON	ROUNDHILL RO	€167	-€14	€143	€98	-€5	€332
MICHAEL B	KEATING	COTTAGE SCOTT	PRIME NOELLE	JUPITER	€167	-€11	€139	€103	-€31	€350
MARK	CLEAR	DOONALLY NEW	GRANGWOOD UTOPIA	ABOUKIR	€161	-€15	€143	€108	-€42	€335
JOHN	BARRON	MEILLARD RJ	ROSSEN NAOMI	TENNIS	€161	-€17	€145	€95	-€31	€334
BRIDIE	O'CONNOR	PRIME ROBERTO	KILLOUGH REGAIN	DOMINO	€159	-€13	€138	€85	-€12	€318
CATHAL	DUIGNAN	DOONALLY NEW	LAHEENS UNA (ET)	MEILLARD RJ	€158	-€15	€144	€97	-€43	€330
EDWARD	ABBOTT	DOONALLY NEW	KNOCKANBAWN UNA	ORGANDI	€158	-€18	€147	€100	-€44	€329
JOHN PATRIC	HAND	DOONALLY NEW	DRUMALT ULEX	MEILLARD RJ	€158	-€16	€145	€100	-€43	€327
JAMES	PHELAN	MOGADOR	PRIME SUZY	DOMINO	€157	-€18	€135	€104	€7	€302
MARK	CLEAR	PIRATE	WINDMILL VIOLET	DOONALLY NEV	€157	-€9	€133	€93	-€24	€317
AIDAN	FARRELL	DOONALLY NEW	WILLIAMSTOWN VACH	OSCAR	€157	-€21	€141	€105	-€4	€306
NOEL	GALVIN	DOONALLY NEW	KILTANANLAE UK (ET)	DOMINO	€157	-€17	€140	€98	-€17	€313
THOMAS	LEONARD	MOGADOR	CILIN ROISIN	DOONALLY NEV	€157	-€16	€139	€100	-€17	€313
AIDAN	FARRELL	HERMES	GLENCARDON ORLAN	ECRIN RJ	€157	-€11	€143	€114	-€100	€360
ANDREW	MC MURRY	DOONALLY NEW	DRUMHILLA NOLA	HORACE	€156	-€13	€142	€98	-€58	€332
PATRICK	BOHAN	HOLLOWTREE NICK	DRUMGOWNA UNO	ORGANDI	€155	-€12	€135	€81	-€11	€310

GENE IRELAND – 2008+

- Work with Irish Charolais society to identify panel of “elite” females.
- Suggested matings (top AI bulls of interest as “sires of sons”) to breeders.
- High index male calves for performance & progeny test – 08/09.
- Best bulls progeny tested; proven bulls in 2012.
- Future is in your hands....!

Top Cows for GEN€ IR€

DOB	SIRE_NAME	MGS_NAME	SBV	Calv	Carc	Wean	M_Cov	M_Cal	Owner	Owner_S
17-Dec-01	HERMES	EXCELLENT	€249	-€7	€209	€151	-€121	€565	PETER	SPOLEN
30-Jan-02	CELTIC NEWTIME	MONEARLA MANOF	€207	-€5	€172	€114	-€89	€469	MARTIN	MCGUIRE
13-Dec-03	NEVERS RJ	EXCELLENT	€200	-€12	€160	€118	-€6	€405	FERGUS	BYRNE
23-Mar-98	ENFIELD HARA KIRI	DEMENSE GUARAN	€186	-€11	€157	€91	-€10	€375	HENRY	FORD JNR
24-Dec-02	ELSTONWOOD RIC	DOONALLY DUCDE	€180	-€10	€153	€101	-€41	€379	PATRICK BE	DUFFY
01-Mar-05	DOONALLY NEW	CAMUS NORMANDY	€179	-€10	€155	€104	-€55	€382	THOMAS	BYRNE
02-Feb-04	CELTIC NEWTIME	MONEARLA MANOF	€178	-€4	€153	€98	-€102	€415	MARTIN	MCGUIRE
04-Jul-02	NEVERS RJ	FAKIR	€178	-€16	€149	€119	-€19	€368	TIMOTHY	SUGRUE
05-Sep-04	MEILLARD RJ	ENFIELD HARA KIRI	€176	-€14	€153	€96	-€18	€358	MICHAEL	DELANEY
10-Nov-98	MAERDY IMPECCA	ROYAL VISCOUNT	€175	-€10	€152	€101	-€55	€375	THOMAS	BAILEY
11-Sep-05	LYONSDEMESNE T	FARNEY PHIL	€175	-€11	€149	€117	-€48	€368	JOHN	FLEURY
30-Sep-02	HERMES	ESCOTT DOLLAR	€175	-€12	€155	€124	-€99	€398	WILLIAM	O'RIORDAN
17-Mar-04	DOMINO	ENFIELD HARA KIRI	€174	-€14	€146	€111	-€10	€347	MICHAEL	NERNEY
16-Jan-03	CELTIC NEWTIME	MONEARLA MANOF	€172	-€7	€153	€92	-€101	€400	MARTIN	MCGUIRE
02-Oct-04	DOONALLY NEW	HIABBEY DIEGO	€171	-€14	€155	€103	-€63	€368	LARRY	BARRETT
31-Jan-04	CELTIC NEWTIME	ROYAL HANK	€171	-€7	€151	€98	-€101	€397	MARTIN	MCGUIRE
22-Dec-02	OSCAR	FARMLEIGH GOLIA	€171	-€19	€148	€125	-€28	€354	AIDAN	BUTLER
03-Apr-03	HOLLOWTREE NICH	DOONALLY NEW	€170	-€9	€148	€97	-€54	€362	WILLIE	BROWNE
15-Dec-00	HERMES	EXCELLENT	€170	-€10	€153	€107	-€101	€391	PETER	SPOLEN
03-Nov-02	DOONALLY NEW	TENNIS	€170	-€16	€153	€108	-€57	€364	THOMAS MA	MCAULIFFE
09-Sep-02	NEVERS RJ	LOISIR	€169	-€13	€144	€88	-€4	€338	THOMAS	WHELAN
06-Apr-02	CELTIC NEWTIME	ROYAL HANK	€169	-€8	€151	€90	-€90	€385	MARTIN	MCGUIRE
15-Sep-01	DOMINO	JUPITER	€168	-€15	€144	€108	-€18	€343	MICHAEL B	KEATING
29-Sep-02	INVINCIBLE	BRAMPTON EMBAR	€167	-€15	€137	€99	€12	€333	HAROLD FR	MCGAHERN
01-Feb-04	HERMES	EXCELLENT	€167	-€14	€154	€112	-€90	€376	JAMES	GEOGHEGAN

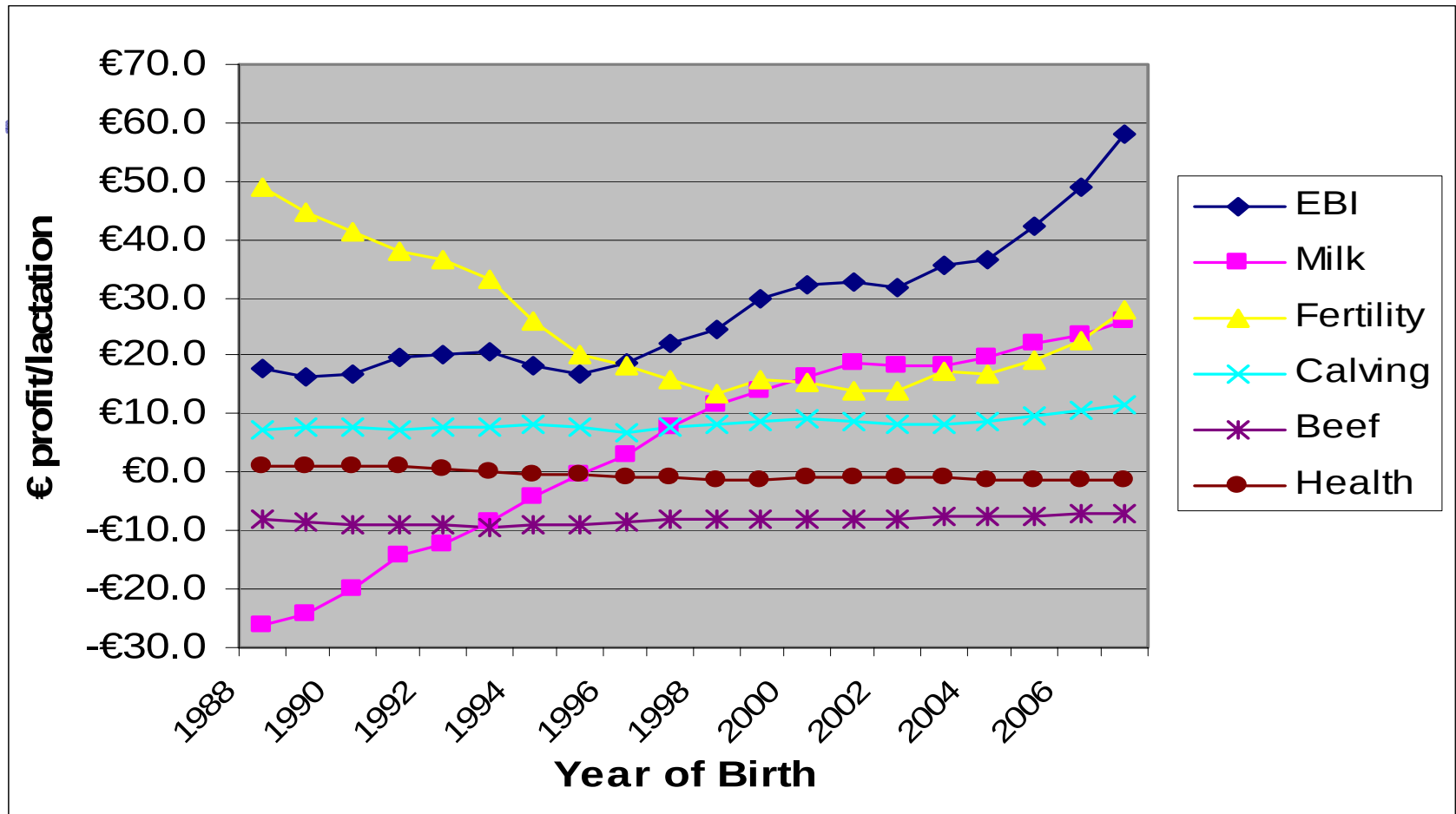
Top CH Stock Bull - SBV

Name	Name_S	Bull Name	DOB	SIRE_NAME	DAM_NAME	MGS_NAME	SBV	Calv	Carc	Wean	M_Cov	M_Cal
MR WALT	HOGG	BALLYDOWNAN VAL	02-Mar-04	DOONALLY NEW	BALLYDOWNAN	EXCELLENT	€206	-€13	€176	€133	-€67	€446
BENEDICT	MOONEY	LYONSDEMESNE UMEI	26-Nov-03	ERUDIT	LYONSDEMESNE	CLOONDAVER F	€204	-€6	€163	€121	-€54	€442
LIVE	EXPORT	DERESKIT APOLLON	18-Oct-05	NEVERS RJ	DERESKIT ROSI	MEILLARD RJ	€199	-€11	€165	€110	-€28	€414
MYLES	O'NEILL	FARFIELD ULICK	18-Apr-03	LOISIR	FARFIELD ROSE	ENFIELD HARA	€193	-€25	€172	€95	€23	€375
KIERAN	GILICK	LISCULLANE AIGLON	11-Aug-05	DOONALLY NEW	LISCULLANE NIK	CASTLEMARTIN	€192	-€12	€161	€139	-€67	€416
JOHN	PHELAN	CARRIGROSS ATLANTI	01-Jan-05	ENFIELD HARA	BALLINURE TIN	BALLINURE RUE	€191	-€9	€156	€92	-€8	€388
THOMAS	HOWARD	BALLYDOWNAN ALAN	01-Jan-05	JUPITER	BALLYDOWNAN	HERMES	€191	-€8	€165	€128	-€116	€445
ROBERT	MCDONAL	BALLYDOWNAN VERMI	23-Dec-04	JUPITER	BALLYDOWNAN	HERMES	€191	-€10	€167	€129	-€112	€441
JOSEPH	BRENNAN	BALLYDOWNAN VAGA	22-Dec-04	JUPITER	BALLYDOWNAN	HERMES	€190	-€10	€166	€130	-€112	€441
K & C	FOLEY	ROYAL ULTRABEAU	08-May-03	ROYAL REMBRA	FRIPOUILLE	DAN-CUPID	€188	-€9	€155	€97	-€23	€390
ENDA	SHINE	NEWTOWN. ALBERT (E	01-Jan-05	DOONALLY NEW	WHITEROCK LE	ENFIELD HARA	€187	-€16	€165	€123	-€53	€396
JAMES	GEOGHEC	BALLYDOWNAN VITAL	25-Dec-04	JUPITER	BALLYDOWNAN	HERMES	€186	-€11	€167	€124	-€114	€428
PADRAIG	KEANE	CREEVE URI	26-Oct-03	DOONALLY NEW	CREEVE ORCHI	DOONALLY FAB	€182	-€18	€172	€111	-€85	€401
MR JOHN	MC QUAIC	DURRARRY ANTHONY	12-Nov-05	DOONALLY NEW	DURRARRY SHEL	MEILLARD RJ	€182	-€14	€164	€113	-€74	€398
THOMAS	KELLY	BALLYTOOHEY VALEN	15-Mar-04	DOONALLY NEW	BALLYTOOHEY	ECRIN RJ	€181	-€10	€163	€119	-€106	€413
AIDAN	BUTLER	CLONOULTY AZTEC (E	12-Dec-05	NEVERS RJ	COTTAGE TASM	OSCAR	€181	-€15	€152	€112	-€13	€368
AIDEN	POLAND	CLOONFAD UGO (ET)	02-Oct-03	DOMINO	GLENCARDON C	ECRIN RJ	€180	-€14	€155	€123	-€55	€387
JOSEPH	MAGUIRE	CLEWBAY AGILE	17-Jan-05	DOONALLY NEW	CLEWBAY SHEII	LISNALURG IGN	€179	-€9	€159	€99	-€74	€388
THOMAS	WHELAN	SPRINGBRIDGE ANDRE	25-Sep-05	DOONALLY NEW	SPRINGBRIDGE	LOISIR	€178	-€14	€159	€102	-€51	€377
JOSEPH	MC MEEL	GLENVALE ALEX	14-Mar-05	DOONALLY NEW	GLENVALE SEX	ENFIELD HARA	€177	-€14	€159	€104	-€50	€370
DESIE	GRAHAM	SHEEHILLS UNIVERSE	25-Dec-03	DOONALLY NEW	BALLYBOYLE BI	LISURIER	€176	-€14	€155	€101	-€47	€377
JOSEPH	MURTAGH	COTTSTOWN ANDY	28-Mar-05	DOONALLY NEW	UMRYGAR OPR	ENFIELD HARA	€176	-€14	€160	€102	-€55	€372
MR NOEL	CLARKE	BAURNAFEA VERN	01-Mar-04	COTTAGE SCOT	BAURNAFEA RC	ECRIN RJ	€176	-€19	€165	€131	-€104	€400
FRANK	BEIRNE	MONEARLA ALBERTO	01-Feb-05	FIRODA THEOAI	MONEARLA RUT	MONEARLA JUD	€175	-€10	€147	€122	-€50	€367
TOMAS	QUIGLEY	LISLIN AVRIL	23-Mar-05	DOONALLY NEW	LISLIN PAMELA	EXCELLENT	€175	-€13	€154	€114	-€56	€370

Challenge for CH breeders

- Know your strengths & weaknesses.
 - Don't ignore.....
- Maximise data recording on your farms.
 - Pedigree & commercial animals.
 - All traits, *especially weaning weight*.
 - New GROW service.
- Use the indexes; identify your best cows & breed to high index sires of interest.
 - Do you have a young bull for the GEN€ IRELAND program (2008, 2009+)?
- Tools are in place (database, indexes, PT).
- The future is in your hands

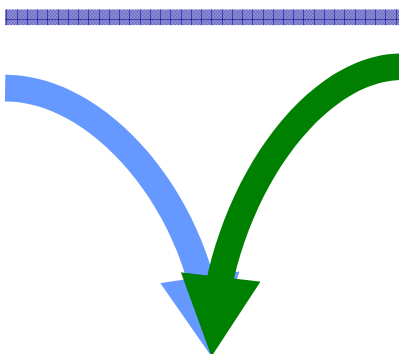
Trends in Dairy EBI



- EBI uptake was also slow in dairy industry.
- Now; huge increase in EBI...ask dairy farmers.

Example 2: Grouchy (GCH)

- French 2007 figures
 - Dir. Cal = 73 (99)
 - Mat. Cal. = 115 (99)
 - Dir. WW = 111 (99)
 - Mat. WW = 104 (99)
 - Muscle = 106 (99)
 - Skeletal = 111 (99)



- Irish 01/08 evaluation
 - Dir. Cal = 9.1 (8)
 - Mat. Cal = 5.03 (7)
 - Dir. WW = 4.5 (18)
 - Mat. WW = N/A
 - Car. Wgt = 23 (11)
 - Car. Conf = 1.7 (12)

$\mu = 100$

$1\sigma = 10pts$

• Irish 01/08 publication

- Dir. Cal = 12.8 (32)
- Mat. Cal = 2.5 (60)
- Dir. WW = 18 (62)
- Mat. WW = -4.6 (48)
- Car. Wgt = 34 (49)
- Car. Conf = 1.6 (66)

	Within breed
SBV	★ ★ ★ ★
Calving	★
Weanling	★ ★ ★ ★
Carcass	★ ★ ★ ★
Milk & Fert.	★ ★ ★ ★ ★
Calf qual.	★ ★ ★ ★
% Cal. Diff.	★

	Across breed
SBV	★ ★ ★ ★ ★
Calving	★
Weanling	★ ★ ★ ★ ★
Carcass	★ ★ ★ ★ ★
Milk & Fert.	★ ★ ★
Calf qual.	★ ★ ★ ★ ★
% Cal. Diff.	★

CF52 or HKI – Carcass weight

Code	CF52	HKI
Carcass Wt PD	46.9	45.8
Total Carcass Records	781	332
Avg Progeny Carcass Wt (Kgs)	397	386
Avg Herdmates Carcass Wt (Kgs)	365	363

- What about beef traits? HKI or CF52

CF52 or HKI – Wean weight

Code	CF52	HKI
Weaning Wt PD	20.7	8.7
Total Weaning Wt Records	1431	321
Avg Weaning Wt (Kgs)	326	316
Avg Herdmates Weaning Wt	311	312

- If your looking for beef performance traits; CF52 is a better bull than HKI.
- ***Indexes reflect reality.***

CF52 or HKI – Beef Index?

Code	CF52	HKI
Breed	CH	CH
Name	DOONALLY NEW	ENFIELD HARA KIRI
Byr	1997	1992
Beef Carcass	€162	€146
Reliability	99	98
Weaned Calf	€113	€85
Reliability	99	97

- If your looking for beef performance traits; CF52 is a better bull than HKI.
- ***Indexes reflect reality.***

Understanding Indexes

- Head to Head;
- CF52 or HKI; which bull is best?
 - Both bulls have similar SBV
 - HKI better on maternal
 - CF52 better on beef performance.
- This exercise is repeatable for all AI bulls, stock bulls & breeds.
- The indexes are based on “real data” collected on farms = Profit.

Know your strengths!

Breed	Calv Index	pd calv diff	% diff calv	% diff calv 1	% diff calv2	% diff calv3+	pd GL	Ave GL
AA	€9	2.1	4.4	5.8	2.6	4.5	-0.3	283.5
BB	-€12	10.5	15.0	24.2	12.4	12.9	-0.3	283.8
CH	-€16	9.9	9.6	14.6	9.0	8.2	2.7	288.3
HE	€1	4.2	5.3	7.8	4.5	4.9	1.1	286.3
LM	-€9	6.1	5.6	8.2	5.4	4.8	4.4	290.5
SI	-€8	6.9	6.1	10.9	6.5	4.8	2.6	288.3

Know your strengths!

Breed	Calving Interval			
	Mat	pd	dau aver	hys mate ave
AA Average	€76	-1.2	389.2	389.0
BB Average	-€10	4.3	394.8	392.6
CH Average	-€65	1.0	409.1	404.0
HE Average	€117	-2.9	389.8	385.5
LM Average	-€6	0.3	405.7	400.9
SI Average	€98	-1.5	396.8	396.0

Suckler Cow Welfare Scheme

Key Points

1. 42,000 herds signed up, covering ~800,000 calves
2. 34,000 new to Animal Events
3. Beef Animal Events now bigger than Dairy
4. Will provide massive surge of data for genetic evaluations – a generation late unless we address recording in pedigree herds
5. Will help educate the breeding herds on Genetic Evaluations/€uro-Stars

Separate Milk & Fertility – CF52

Trait	Group	Proof	Stars	EW	Total
SURV	Fertility	-1.43	*	€8.30	-€23.7
CI Days	Fertility	7.9	*	-€3.16	-€49.9
Age at 1st calv	Fertility	20.1	* *	-€0.69	-€27.7
Mat_weaning weight	Milk	-5.7	*	€3.30	-€37.6
Mat_Calving	?	-1.26	* * *	-€4.31	€10.9
Cull cow	?	54.9	* * * * *	€0.21	€23.1
					-€105.1

- Maternal traits to breeders/countries means milk!
- What about fertility traits?
- What about “other” maternal traits?