

## Spring 2015 – *Our best list ever!*

2015 is the 15<sup>th</sup> year that ICBF has published the Spring Active Bull List. This year there are now 62 Irish bred Bulls on the list. This means that the vast majority (83%) of the bulls on our national Dairy Bull list were bred here in Ireland.

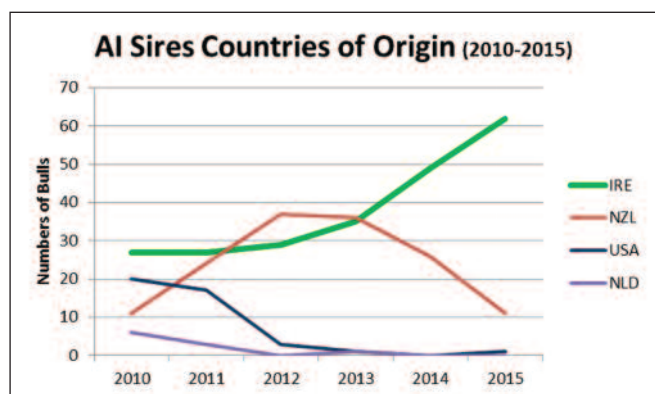
This wasn't always the case. In 2001 there were just 2 Bulls on the list bred here in Ireland. Holland, France, New Zealand & America have generally been where most of the Bulls on the list have come from. This trend started to change around 2009 when the first of the Gene Ireland Irish progeny tested bulls started to come through (See Graph 1).

The 75 Bulls have breeding values for EBI and the 7 Sub Indices together with trait information on 10 Key Profit Traits. None of the Bulls on the list are carriers of genetic defects e.g CVM or BLAD.

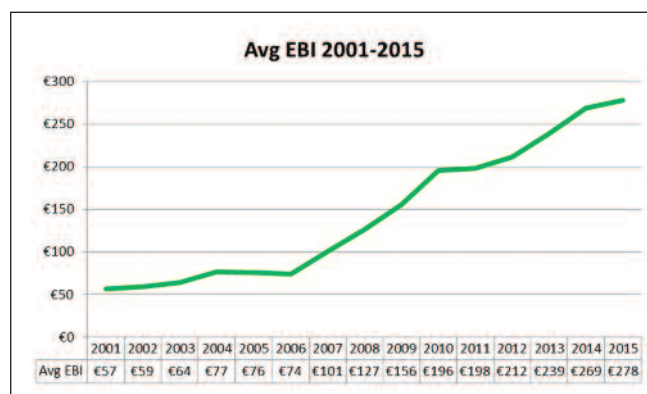
The EBI details of the 75 bulls on the list are based on the December 2014 genetic evaluations computed by ICBF. Semen from all of the Bulls has been indicated as being available by the various AI Companies, hence the term 'Active' Bull List.

The criteria for making the list are as follows:

- EBI's with reliabilities greater than or equal to 35%.
- and also have;*
- Calving difficulty evaluations with reliabilities greater than or equal to 50%. (For a Bull to be included on the Active Bull list his calving evaluation must be based on actual calving survey data either in Ireland or in the country of origin of the bull, and not just genomic information.)



Graph 1: Main Bull Countries of Origin Trends 2010 - 2015



Graph 2: EBI Trendline (2001-2015)

Average of Proofs for Top 75 Active Bulls (2011 - 2015)

	EBI		EBI & Proof Details							Key Profit Traits									
	EBI	Rel%	Milk	Fert	Calv	Beef	Maint	Mgmt	Hlth	M kg	F kg	P kg	F %	P %	CI	SU%	CD%	M.Time (secs)	M. Temp
Spring 2011	€198	57%	€77	€103	€27	-€19	€8	-	€2	232	15.6	13.1	0.13	0.10	-5.2	3.4	2.0	-	-
Spring 2012	€212	55%	€71	€123	€23	-€26	€20	-	€0	94	15.1	10.2	0.22	0.14	-7.0	3.4	2.1	-	-
Spring 2013	€239	56%	€68	€127	€37	-€20	€23	€3	€1	47	14.2	9.3	0.24	0.15	-7.1	3.6	1.8	-5.3	0.04
Spring 2014	€269	56%	€77	€148	€36	-€14	€20	€4	-€1	88	15.1	10.4	0.22	0.15	-8.0	4.0	1.9	-2.67	0.09
Spring 2015	€278	59%	€80	€160	€37	-€17	€16	€3	-€1	91	15.7	10.8	0.23	0.15	-8.7	4.3	2.1	-1.24	0.08

Table 1: Comparison of average of proofs for top 75 Active Dairy Bulls 2011-2015.

The 75 Bulls on the list have an average EBI of €278 (Table 1 & Graph 2 previous page). The Bulls EBI's on the list range from €379 down to €261. 80% of the Bulls on the list are Genomic Bulls with the remainder being Daughter Proven either here in Ireland (15%) or from abroad (5%) (See Table 2).

The Bulls which are ranked highest for each type of proof on the list are listed in table 3 below:

Category	Code	Name	Owner	EBI	Rel%	Proof
Number 1 Genomically Selected 'Active' Dairy AI Sire	GZY	GADDAGH CUDDY REEKS	Dovea	<b>€379</b>	49%	GS
Number 1 Irish Daughter Proven 'Active' Dairy AI Sire	MDW	MONOWAI HOM DE L UCA-ET SIF	NCBC	<b>€292</b>	74%	DP-IRL
Number 1 International Daughter Proven 'Active' Dairy AI Sire	BGJ	BAGWORTH PF GRANDEUR S 1F	Eurogene/LIC	<b>€292</b>	60%	DP-INT

**Table 3:** Highest ranked Bulls for each proof category.

## Spring 2015 – No.1 Bull

*An example of modern breeding techniques!*



GZY – Gaddagh Cuddy Reeks (Dovea Genetics)

Dovea Genetics young genomic sire Gaddagh Cuddy Reeks (GZY) became the youngest ever sire to top the ICBF Active Bull List with an EBI of €379.



'Megabuck' - Sire of MDW – the number 1 'Irish Daughter Proven' AI Sire (NCBC).

	DP-RL	DP-INT	GS
Spring 2012	14	28	33
Spring 2013	18	22	35
Spring 2014	12	11	52
Spring 2015	11	4	60

**Table 2:** Numbers of Bulls in the various categories of proof types in recent Active Bull Lists.

What is very satisfying from a 'Breeding Technology' point of view in seeing a bull like this make the top of the bull list is that:

1. He has been Genomically tested. This is a new scientific technique which analyses the DNA of an animal and allows a more accurate breeding value to be calculated at a younger age, before the animal has sired any progeny.
2. His sire 'Lauragh Evert' (LHZ) and maternal grandsire 'Sunnybank Oman' (SOK) were both progeny tested through the Dairy Gene Ireland progeny test program.

'Genomic Testing' and the 'Gene Ireland Progeny Test program' allows for genetically superior animals to be identified more accurately – thus maximising the amount of genetic gain that can be made.

He was bred by Vincent O'Connor in Beaufort Co. Kerry at the foot of the Macgillycuddy Reeks mountain range.



BGJ – the number 1 'International Daughter Proven' AI Sire (Eurogene/LIC).

# Guide to reading the Table

- **Bull Details**

Rank, AI Code, Name, Sire, Breed, Status in Herdbook & Holstein %. Ped; Full Pedigree Registered animal. SRM; Supplementary registered male in the IHFA Herdbook. Male progeny of these bulls will also be supplementary registered 'SRM'. Female progeny will be given the 'ASR' registration status. An 'XSR' or blank status field indicates that the bull has no pedigree registration status.

- **EBI Details**

EBI, Economic Breeding Index (€); Indicates the profit/lactation expected for a bull's progeny compared to an average animal. **Rel%**; Reliability of EBI proof. This indicates the level of confidence that someone can have in the proof. The higher this value, the more reliable the proof. **Proof**; The status of the Bull proof. **DP-IRL**; Daughter Proven based on milk recorded daughters in Ireland. **DP-INT**; Daughter Proven, based on foreign milk recorded daughters. **GS**; Genomically Selected – which are bulls that have their own calving difficulty proof but have no milking daughters in their production proof yet.

- **EBI Sub Indices; Milk, Fertility, Calving, Beef, Maintenance, Management & Health**

Sub Indices of the overall EBI. Added together these give the overall EBI figure.

- **Key Profit Traits; M Kg**

Predicted Difference (PD) for milk yield. If the average 'Milk Kgs' of the team of Bulls being used is greater than the average 'Milk Kgs' of the cows they are being mated to, then the average milk yield of the herd will increase. Positive values for **F Kg** (Fat Kg), **P Kg** (Protein Kg), **F %** (Fat %), **P %** (Protein %) will also increase each of the constituent traits in the same manner. **CI** = Calving Interval (Days). Bulls with negative values for CI will reduce calving interval. **SU** = Survival %. Bulls with positive values will increase survival (longevity/herdlife).

- **Calving; CD%**

Calving Difficulty. Increasing % CD indicates increased incidence of difficult calvings e.g. % CD of 5% means that 5% of a Bull's calves will result in difficult calvings.

- **Milking Time**

This gives an indication as to whether daughters of a Bull are slow or quick milkers. Negative values are desired – indicating that daughters take less time to be milked. Milking time is measured in seconds per milking. It is important to note that milking time has been adjusted for milk yield, so its not penalizing bulls with high volumes of milk. E.g. if a bull's daughters take on average 10 seconds longer per milking, that translates into an extra 1hr and 40 mins per daughter spent in the parlour over a 305 day lactation.

- **Milking Temperament**

This indicates whether daughters of a bull are easy or difficult to handle in the milking parlour. Positive values are desired – indicating cows with good temperament in the milking parlour.

- **Semen Details**

Price, availability and supplier details of each bull are also included. **L** = 2000-4000 straws available. **M** = 4000 – 6,000, **H** = >6,000 straws available. All AI Organisations have provided semen inventory details for all of their bulls. That said, it will be difficult to obtain large quantities of high ranking Bulls with 'Low' availability.

- **Sexed Semen Bulls**

Bulls that have sexed semen available are denoted with an asterisk (\*) beside their straw price. 7 bulls on the list have sexed semen available.

Bull Details							EBI Details				EBI Sub In		
Rk	Code	Name of Bull	Sire	Breed	Status	HO%	EBI	Rel%	Proof	Milk	Fert	Calv	Be
1	GZY	GADDAGH CUDDY REEKS	LHZ	HO	PED	81	€379	49%	GS	€108	€223	€43	-€
2	WLY	IMLEACH LUCKY WHISTLER	MWH	HO	SRM	63	€326	56%	GS	€86	€188	€43	-€
3	ZOL	MR NUMERO UNO ST-LOUIS-ET	S1233	HO	PED	100	€323	54%	GS	€77	€203	€26	-€
4	KZY	COOKSTOWN BUDDY	HFT	HO	SRM	59	€306	56%	GS	€65	€200	€41	-€
5	RBH	(IG) SRUTHAN ROBERTO	HYZ	HO	SRM	63	€303	54%	GS	€82	€197	€36	-€
6	SPG	GRAIGUEBEG SUPER	WDS	HO	PED	75	€299	56%	GS	€79	€190	€27	-€
7	PKX	PARKDUV MAGNET	SOK	HO	PED	81	€299	61%	GS	€102	€147	€45	-€
8	DBW	DOONMANAGH DSU BOWSER	DSU	HO	PED	75	€296	53%	GS	€80	€169	€33	-€
9	WTC	CLOUNTIES WINTER	GVV	HO	SRM	56	€295	54%	GS	€56	€221	€26	-€
10	MDW	MONOWAI HOM DELUCA-ET SIF	S711	HO	SRM	88	€292	74%	DP-IRL	€59	€198	€42	-€
11	BGJ	BAGWORTH PF GRANDEUR S1F	P FROSTMAN S1F	HO	SRM	50	€292	60%	DP-INT	€93	€143	€43	-€
12	PRW	BALLYBRIDE PRINCE	IRP	HO	PED	72	€291	59%	GS	€80	€181	€41	-€
13	CFF	(IG) CREFOGUE DONCASTER	MDW	HO	SRM	78	€290	53%	GS	€85	€166	€39	-€
14	MKK	(IG) MOOREPARK LARRY	TZD	HO	PED	78	€289	73%	DP-IRL	€67	€166	€48	-€
15	BJS	(IG) BREANSHAMORE JERONIMO	HYZ	HO	SRM	66	€289	49%	GS	€92	€156	€28	-€
16	KZK	(IG) CAHERDERG LOCKIE	LRW	HO	SRM	78	€287	55%	GS	€65	€169	€47	-€
17	HYH	(IG) CAHERADERRY HARRY	HYZ	HO	SRM	53	€287	48%	GS	€106	€156	€32	-€
18	PSZ	(IG) LISSANE PIRATE	IRP	HO	PED	72	€287	53%	GS	€89	€162	€42	-€
19	SPQ	(IG) CAPPAUNIAC SAMPSON	KOZ	HO	PED	88	€285	61%	GS	€61	€178	€41	-€
20	KYD	LACKCASTLE KENNY	MXK	HO	PED	72	€285	53%	GS	€97	€152	€38	-€
21	LHZ	(IG) LAURAGH EVERT	WPE	HO	PED	88	€284	85%	DP-IRL	€80	€160	€38	-€
22	YGD	(IG) CASTLEBLAGH GARNDY	GVV	HO	PED	72	€284	58%	GS	€71	€171	€37	-€
23	CSW	CURRA STEVIE	SOK	HO	PED	63	€284	53%	GS	€84	€157	€45	-€
24	PKR	(IG) PARKDUV MOUNT EVEREST	LHZ	HO	PED	91	€284	58%	GS	€83	€178	€23	-€
25	GGP	GOINGS MECCA PRIDE S1F	O E MECCA S1F	HO	SRM	56	€282	43%	GS	€106	€132	€31	-€
26	KSK	(IG) BALLYBRIDE SHERLOCK	BZR	HO	PED	66	€281	59%	GS	€98	€152	€28	-€
27	IGG	(IG) ENAGLOU XB GOLD	SYX	HO	SRM	94	€280	69%	DP-IRL	€83	€146	€41	-€
28	HYD	MODELIGO HARRY	SOK	HO	PED	72	€280	58%	GS	€76	€153	€45	-€
29	AZG	DEANS GROVE ARGENT	HZS	HO	SRM	72	€280	60%	GS	€85	€142	€46	-€
30	AMY	ADRIVALE MONTY	IRP	HO	PED	75	€279	67%	GS	€62	€192	€31	-€
31	WWT	(IG) WATERWHEEL TAURUS	DSU	HO	PED	88	€279	54%	GS	€71	€172	€32	-€
32	ZBK	BRACKHERD SWEETDREAM	HZS	HO	SRM	69	€278	57%	GS	€33	€206	€43	-€
33	OKM	OKURA LIKA MURMUR S3J	MKU	JE	XSR	0	€277	65%	DP-INT	€107	€128	€32	-€
34	AHB	(IG) BALLYKINASH KXV LAD	KXV	HO	PED	78	€276	56%	GS	€31	€203	€40	-€
35	ABO	(IG) CASTLEBLAGH ODIE	BHZ	HO	PED	81	€275	67%	GS	€103	€142	€40	-€
36	YRC	CURRA ROY	SOK	HO	PED	53	€275	58%	GS	€102	€133	€38	-€
37	CUW	CURRA ALLSTAR	SVB	HO	PED	63	€274	75%	DP-IRL	€54	€174	€44	-€
38	PBM	(IG) BALLINABORTA PRIMO	SOK	HO	PED	53	€273	57%	GS	€114	€124	€31	-€
39	JMR	(IG) MOUNTRIVERS JESTER	SFZ	FR	SRM	47	€273	50%	GS	€67	€180	€24	-€
40	KPV	(IG) KIPPANE VAMPIRE	IRP	HO	PED	78	€273	66%	GS	€76	€151	€41	-€
41	KDX	(IG) BLACKNEY DIRECTOR	HFL	HO	PED	66	€273	69%	DP-IRL	€49	€187	€23	-€
42	LCL	CARRACOUCH LANCE	LLK	HO	PED	91	€272	61%	GS	€93	€150	€41	-€
43	FLG	GARRENDENNY LUCIFER	WGM	HO	SRM	66	€272	52%	GS	€74	€159	€34	-€
44	PSK	(IG) POSSEXTOWN KINDAR	UDE	HO	SRM	59	€271	50%	GS	€80	€157	€35	-€
45	YGM	GARRYMARTIN CRONIC	WDS	HO	PED	75	€271	55%	GS	€106	€137	€33	-€
46	RHS	RAHEENARRAN MEB SOCHAR	MEB	FR	PED	0	€270	83%	DP-IRL	€17	€204	€46	-€
47	DMQ	(IG) CALIBER DREAMER	HZS	HO	SRM	72	€269	61%	GS	€75	€156	€41	-€
48	HEK	KAIMORE HERO EARNIE S1F	M S HERO-ET S1F	HO	SRM	59	€269	45%	GS	€75	€156	€36	-€
49	RFJ	(IG) RHINC RUE COOL FAIRGALT 1	NFT	HO	PED	75	€268	53%	GS	€68	€156	€44	-€
50	UMG	(IG) MOGEHA ULTAN	SOK	HO	SRM	69	€268	59%	GS	€38	€183	€37	-€
51	LJS	CETARA GB LONESTAR S3F	GWZ	HO	SRM	56	€268	41%	GS	€95	€133	€32	-€
52	SSJ	SPRINGHAVEN EVEREST	LHZ	HO	PED	78	€267	53%	GS	€97	€141	€24	-€
53	SLP	(IG) SALLAGH PEDRO	UPH	HO	PED	94	€266	63%	GS	€85	€149	€45	-€
54	SBQ	BALLYGOWN HIGHMOUNT SAM	HMY	HO	PED	88	€266	63%	GS	€84	€133	€44	-€
55	PZS	MODELIGO SUPREME	SOK	HO	PED	66	€266	59%	GS	€66	€176	€36	-€
56	CTK	CURRA TUNDR STRUCK	WDS	HO	PED	78	€266	51%	GS	€76	€142	€49	-€
57	ZLR	(IG) DORE LAZERIOUS	WAU	HO	PED	59	€266	57%	GS	€49	€180	€31	-€
58	RPA	(IG) RHINC RUE SUPER DANO 12	WDS	HO	PED	72	€265	59%	GS	€101	€130	€42	-€
59	FMD	SCOTTS FROSTMAN DELUX S1F	P FROSTMAN S1F	HO	SRM	100	€265	55%	DP-INT	€83	€142	€39	-€
60	WSB	BRIDEVIEW SUPER BELL	WDS	HO	PED	78	€265	54%	GS	€120	€111	€42	-€
61	APY	ARRIETA NOMAD	P FROSTMAN S1F	FR	SRM	25	€265	61%	DP-INT	€73	€136	€42	-€
62	LKL	LASHS MS LEGION S1F	M MD SUMMIT S1F	HO	SRM	56	€265	50%	GS	€58	€171	€27	-€
63	PKA	PUKEROA TGM MANZELLO	T G MAUNGA ET SJ3	JE	PED	0	€264	76%	DP-IRL	€137	€77	€44	-€
64	YBR	BALLINROE BARNEY	WNE	FR	SRM	44	€264	54%	GS	€97	€137	€31	-€
65	EUW	EUROGENE KIWI	WLT	HO	XSR	50	€264	85%	DP-IRL	€106	€117	€31	-€
66	KHT	KAHURANGI GB TOPGUN S2F	GWZ	HO	SRM	56	€262	45%	GS	€86	€131	€30	-€
67	DGC	DUNGOURNEY CREMIN	IRP	HO	PED	78	€262	63%	GS	€80	€156	€39	-€
68	TYH	(IG) TIRNAHILLA HENRY	DSU	HO	PED	72	€262	52%	GS	€55	€160	€35	-€
69	MXR	MOOREPARK HOGGY	UYC	FR	PED	47	€262	82%	DP-IRL	€51	€187	€21	-€
70	TAC	CARA TOM	WGM	HO	SRM	69	€262	55%	GS	€87	€151	€30	-€
71	KYV	(IG) BLACKNEY IVOR	WGM	HO	SRM	63	€262	51%	GS	€74	€153	€46	-€
72	OCZ	CASHAN ROSCO	HZS	HO	SRM	69	€262	52%	GS	€79	€148	€36	-€
73	AWS	DERRINSALLOW AINE 75 ED	HMY	HO	PED	81	€261	60%	GS	€68	€166	€33	-€
74	DJB	DJ BEO	J BEL US	JE	PED	0	€261	92%	DP-IRL	€90	€140	€19	-€
75	KJF	(IG) DOONMANAGH FLT JACKO	FLT	HO	PED	81	€261	58%	GS	€100	€130	€37	-€

**Key to Table:** Ho% = Holstein Genes, PED = Pedigree Registered, SRM = Supplementary Registered, Proof = The status of the bull proof (DP-IRL = Daughter Proven based on Calving Interval Days, SU% = % Survival from lactation to lactation, CD% = % Calving Difficulty, M.Time = Milking Time, M.Temp = Milking Temperament, Avail = Availability. **Farmers are strongly urged to use a minimum of 5 AI bulls from the list.** For more information on the ICBF Active Bull List, please call 1850 600 900 or log onto www.

Indexes				Key Profit Traits										Semen Details		
Ref	Maint	Mgmt	Health	M Kg	F Kg	P Kg	F %	P %	CI	SU%	CD%	M.Time	M.Temp	Avail	Price	Supplier
07	€9	€1	€1	76	18.1	14.4	0.3	0.25	-12.6	5.6	0.5	7.58	0.09	High	€21	Dovea
12	€12	€4	€4	116	18.3	11.6	0.26	0.15	-10	5.3	2.1	-5.77	0.08	High	€21	Eurogene/LIC
04	€5	€4	€15	495	20	15.2	0.02	-0.02	-10	6.6	3.4	0.76	0.12	High	€25	World Wide Sires
17	€21	€3	€1	-73	12.5	6.8	0.29	0.18	-12.7	3.6	2	-4.66	-0.11	High	€18	Dovea
14	€10	€0	€8	128	16.2	11.6	0.21	0.14	-10.7	5.3	3.5	-6.14	-0.04	High	€18	NCBC
11	€5	€3	€6	63	18.3	9.9	0.3	0.15	-9.7	5.7	2.6	9.17	0.15	Medium	€19	Eurogene/LIC
05	€10	€9	€0	253	20	15.7	0.19	0.14	-7.4	4.6	2	-11.81	0.18	High	€21*	Eurogene/LIC
12	€19	€3	€4	-172	20.1	6.6	0.52	0.25	-10.3	3.4	3.9	0.01	0.1	High	€18	Dovea
12	€10	€1	€6	-128	10.6	5.1	0.3	0.19	-12.3	5.7	2.6	9.5	0.1	High	€18	Dovea
14	€9	€3	€4	213	11.5	10	0.06	0.06	-10.9	5.2	1.7	-0.53	0.08	High	€19	NCBC
13	€21	€6	€0	249	22.4	13.8	0.24	0.1	-6.4	5.3	1.8	-14.41	0.06	High	€22	Eurogene/LIC
21	€12	€0	€2	44	13.8	10.5	0.23	0.18	-9.8	4.9	3.6	5.1	0.03	High	€19*	Eurogene/LIC
04	€7	€4	€7	154	15.8	12.4	0.18	0.14	-9.9	3.6	1.4	-4.9	0.08	High	€18	NCBC
34	€38	€4	€0	-42	16	7	0.35	0.17	-8.9	4.6	1.7	-7.24	0.07	High	€18	NCBC
17	€30	€2	€3	111	14.8	13	0.2	0.18	-8.1	4.6	2.1	-5.72	0.01	High	€19	NCBC
09	€9	€7	€0	24	14.2	7.8	0.25	0.14	-8.7	5.1	1.9	-1.32	0.2	High	€19	NCBC
14	€17	€2	€9	278	22.5	16.2	0.21	0.13	-8.4	4.3	3.2	-0.83	-0.07	High	€18	NCBC
24	€26	€2	€6	73	15.5	12	0.24	0.19	-8.9	4.3	2.5	6.97	-0.02	High	€18	NCBC
05	€2	€4	€5	210	14.6	9.8	0.12	0.06	-9.9	4.6	2.7	-4.5	0.08	High	€17	NCBC
17	€13	€2	€1	-73	21.5	10.2	0.47	0.25	-7.6	4.8	1.6	2.74	0.09	High	€18	Dovea
16	€21	€3	€3	32	15.5	10	0.27	0.17	-9	4	2.4	11.7	0.19	High	€19	NCBC
09	€9	€2	€2	248	13.3	12	0.07	0.07	-8.4	5.6	2.4	6.37	0.12	High	€19	NCBC
17	€12	€4	€1	-92	16.2	8.8	0.38	0.24	-8.3	4.5	1.8	-5.59	0.09	High	€17	Eurogene/LIC
09	€12	€2	€5	92	13	11.8	0.17	0.17	-9.7	4.7	2.5	9.57	0.12	High	€18	NCBC
27	€37	€6	€4	194	17.1	15.9	0.18	0.18	-6.5	4.3	2.7	-9.31	0.1	High	€19	Eurogene/LIC
14	€9	€3	€5	355	15.5	17.2	0.03	0.1	-8.5	3.9	3	-2.1	0.06	High	€19	NCBC
17	€24	€6	€3	217	22	12	0.25	0.09	-9.5	2.3	2.5	-18.88	0.03	High	€16	NCBC
03	€2	€7	€5	191	18.6	11.1	0.21	0.09	-8.4	4	2.1	-5.93	0.17	High	€18	Dovea
10	€12	€9	€4	-15	13.1	10.5	0.26	0.22	-7.2	4.3	0.8	-13.8	0.17	High	€18	Dovea
11	€5	€1	€1	-149	7.2	6.2	0.25	0.22	-9.9	5.8	4.5	0.11	0.04	High	€18	Dovea
10	€14	€4	€3	46	17.9	8.5	0.3	0.14	-9	5	2.7	1.75	0.12	High	€19*	NCBC
12	€7	€5	€4	8	3.6	4.5	0.06	0.09	-11.2	5.6	1.5	2.76	0.17	High	€14	Eurogene/LIC
59	€71	€1	€2	-103	21	11.5	0.49	0.29	-5.3	5.1	0.5	1.81	0.03	High	€23	NCBC
08	€2	€0	€7	-181	6.1	1.3	0.25	0.15	-10.9	5.6	3.2	8.8	0.06	Medium	€18	NCBC
18	€9	€4	€4	174	15	15.6	0.15	0.19	-7.9	3.6	1.8	-2.13	0.1	Medium	€19	NCBC
22	€14	€5	€4	223	19.7	15.3	0.2	0.15	-6.6	4.2	1.3	-5.35	0.11	High	€18	Eurogene/LIC
25	€25	€3	€5	-102	8	5.5	0.24	0.18	-10.8	3.4	2	20.13	0.06	High	€16	NCBC
10	€5	€3	€6	243	17.6	17.7	0.15	0.18	-6.7	3.4	2.1	-0.9	0.09	High	€19*	NCBC
20	€26	€2	€4	33	11.8	8.6	0.2	0.15	-10.2	4.4	2.4	-18.36	-0.09	High	€19	NCBC
12	€2	€3	€1	-70	16.3	7.9	0.36	0.2	-7.4	4.9	2.2	2.74	0.11	High	€19	NCBC
0	€14	€5	€5	48	16.5	5.5	0.28	0.08	-11.5	3.7	1.5	11.26	-0.07	High	€16	NCBC
14	€5	€5	€2	179	23.2	12.9	0.3	0.13	-8.7	3.5	1.9	-7.75	-0.21	High	€18	Eurogene/LIC
22	€27	€3	€4	16	16.8	8.8	0.31	0.16	-9.3	3.7	2.2	0.19	0.1	High	€18	Dovea
16	€11	€7	€4	90	14.2	11.1	0.2	0.16	-9	3.9	2.2	-9.26	0.14	High	€18	NCBC
24	€16	€5	€1	448	16.4	19.4	-0.01	0.09	-6.5	4.7	1.9	-1.5	0.14	High	€18*	Eurogene/LIC
20	€12	€5	€8	-215	0.5	-0.5	0.18	0.14	-13.9	2.5	1.6	5.2	0.19	High	€18	NCBC
12	€13	€3	€7	128	14.6	10.7	0.18	0.13	-8.2	4.5	2.9	-7.03	0.05	High	€18	NCBC
28	€34	€2	€6	1	11.4	9.6	0.21	0.19	-7.9	4.8	2.2	-1.76	0.05	High	€19	Eurogene/LIC
11	€15	€5	€8	31	13.8	8.5	0.24	0.15	-8.6	4	1.9	1.1	0.15	High	€19	NCBC
06	€7	€7	€2	-70	7.7	3.6	0.2	0.12	-10.9	4	1.8	-14.88	0.1	High	€19	NCBC
16	€24	€3	€4	249	16.2	15.2	0.12	0.13	-6.2	4.7	1.9	-8.69	0.03	High	€19	Eurogene/LIC
14	€18	€4	€2	346	13.9	17.1	0.01	0.11	-7.2	4.3	3.6	6.45	0.18	High	€17	Eurogene/LIC
13	€5	€1	€6	84	12.4	11.9	0.17	0.18	-9	3.1	1.8	-3.68	-0.01	High	€18	NCBC
0	€10	€1	€5	-27	22.3	8.9	0.44	0.19	-6.5	4.4	2	8.03	0.08	High	€18	Dovea
18	€7	€5	€6	80	15	8.6	0.22	0.12	-10.8	3.4	2.5	-3.24	0.12	High	€18	Dovea
17	€14	€1	€2	103	9.1	11.4	0.1	0.16	-8.5	3	0.5	1.82	0.03	Medium	€17	ABS Ireland
17	€25	€1	€2	-9	11.1	5.6	0.21	0.12	-10.3	4.4	1.9	16.1	0.09	High	€18	NCBC
27	€17	€6	€4	292	23.1	15.5	0.21	0.11	-6.2	4.4	2.6	2.62	0.21	High	€19*	NCBC
14	€15	€4	€4	337	13.6	14.9	0.02	0.07	-8.1	3.5	1.5	-3.51	0.1	Medium	€19	NCBC
17	€4	€5	€0	328	20	19.4	0.13	0.16	-6.4	2.7	2.9	-0.78	0.15	Medium	€17*	Eurogene/LIC
33	€39	€6	€0	-15	11.2	9.1	0.23	0.18	-7.9	3.2	1	-9.78	0.12	High	€18	Eurogene/LIC
17	€15	€6	€4	111	10.5	8.7	0.12	0.1	-9.4	4.5	1.2	-9.53	0.11	High	€17	Eurogene/LIC
42	€48	€9	€8	-66	30.5	15	0.65	0.34	-3.5	2.8	0.5	-16.26	0.14	High	€19	NCBC
24	€27	€1	€5	46	13.5	13.1	0.22	0.23	-6.9	4.2	2.2	2.68	0.04	High	€18	Dovea
33	€43	€6	€7	82	23	13.5	0.37	0.2	-5.5	4.1	0.8	-0.21	0.17	High	€17	Eurogene/LIC
28	€35	€5	€3	378	17.8	15.3	0.06	0.06	-6.4	4.3	1	-13.63	0.06	High	€18	Eurogene/LIC
19	€10	€1	€1	244	14.9	13	0.1	0.1	-7.5	5.2	2.4	5.59	0	High	€18	Dovea
11	€17	€5	€1	27	12.1	6.7	0.21	0.12	-8.1	4.9	2.7	-0.58	0.15	High	€18	NCBC
21	€26	€1	€1	308	11.5	10	-0.01	-0.01	-9.8	5.4	3.4	10.88	0.06	Low	€16	NCBC
23	€16	€5	€4	64	14.7	11.7	0.23	0.19	-7.8	4.5	2.6	-12.78	0.04	High	€18	Dovea
25	€24	€3	€7	137	18.2	10.1	0.24	0.11	-10	2.4	1.6	-1.36	-0.09	Medium	€16	NCBC
17	€19	€3	€6	22	13.4	10.2	0.24	0.18	-8.2	3.8	1.5	-1.13	0.08	High	€18	Dovea
26	€13	€3	€4	-20	21.3	6.6	0.42	0.14	-9	4.5	1.3	5.35	0.14	High	€18	Dovea
51	€59	€5	€2	-283	20.5	6.5	0.67	0.34	-6.1	5.3	0.5	-3.74	0.13	High	€19	NCBC
03	€8	€1	€3	19	25.3	11.4	0.46	0.21	-7.8	2.8	3.4	3.56	0.06	High	€19	NCBC

on milk recorded daughters in Ireland, DP-INT = Daughter Proven, based on milk recorded daughters outside of Ireland (International), GS = Genomically Selected), CI =  
y (H=>6,000 doses, M= 4-6,000 doses, L=2-4,000 doses). Semen Availability information is given by each AI Organization. (\*) Asterisk denotes sexed semen being available.  
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# Important Advice

It is important to note the source of a Bull's proof when choosing sires from the list. A Bull may have received his proof based on data recorded on his own daughters performance (Milk Records, Calving Fertility & Health data). Or he may be a 'Genomically Selected' Bull. 'Genomically Selected' means that the Bull's DNA profile has been analysed and the figures that you see are based on those findings.

Farmers should pay particular attention to the 'Reliability' of a Bull's proof. In order to be able to balance the risk of using a Bull with low reliability together with the tremendous genetic gains that could be achieved by using such a Bull: **Farmers are strongly urged to use a minimum of 5 AI bulls from the list.**

## What Bulls should I pick from the List?

There are many answers to this question but 4 simple tips that will help you pick the right Sires for your herd are the following;

1. Identify which EBI Sub-Indices your herd is low in. This Herd Sub-Index information is available on the Herdplus EBI report that ICBF generates for every herd that is signed up to Herdplus (1850 600 900).
2. Pick an initial panel of Bulls that are strong in the Sub-Indices that your herd is weak in.
3. Refine your list of Bulls taking other factors into account e.g; Calving Ease, Inbreeding, Price, Availability.
4. Finalise your team of Bulls by picking at least 5 Bulls to use in equal amounts across your herd. The **ICBF Sire Advice program (1850 600 900)** can complete this step for you and also allocate the chosen Bulls to your cows in such a way that inbreeding is avoided.

## Availability of List

The 2015 Active Bull List is available on the ICBF Website ([www.icbf.com](http://www.icbf.com)). This list shows the top 75 Active AI Sires. The total list of Active AI Sires together with their Supplier, Availability & Price details is also available at the above website.



# Understanding the Economic Breeding Index (EBI)

## What is EBI?

EBI is a single figure profit index aimed at helping farmers identify the most profitable bulls and cows for breeding dairy herd replacements. It comprises of information on seven sub-indices related to profitable milk production. These are; **(1)** Milk production, **(2)** Fertility, **(3)** Calving performance, **(4)** Beef Carcass **(5)** Cow Maintenance **(6)** Cow Management and **(7)** Health. A summary of the sub-indices, including traits and relative weightings for traits in the EBI are given in **Table 1**. The economic values in the index are based on data collected from Irish Dairy Farms and the Dairy Industry. These values were last updated in December 2012.

**2014 Economic values and % emphasis for traits in the EBI**

Sub-Index	Trait	Economic Weight	Trait Emphasis	Overall Emphasis
Production	Milk	-€0.09	10.6%	33%
	Fat	€1.04	3.4%	
	Protein	€6.64	18.9%	
Fertility	Calving Interval	-€12.43	24.0%	35%
	Survival	€12.01	10.9%	
Calving	Direct Calving Difficulty	-€3.52	2.8%	9%
	Maternal Calving Difficulty	-€1.73	1.3%	
	Gestation Length	-€7.49	4.1%	
	Calf Mortality	-€2.58	1.0%	
Beef	Cull Cow Weight	€0.15	0.7%	9%
	Carcass Weight	€1.38	5.1%	
	Carcass Conformation	€10.32	1.7%	
	Carcass Fat	-€11.71	1.1%	
Maintenance	Cull Cow Weight	-€1.65	7.2%	7%
Management	Milking Time	-€0.25	2.1%	4%
	Milking Temperament	€33.69	1.9%	
Health	Lameness	-€54.26	0.6%	3%
	SCC	-€43.49	1.8%	
	Mastitis	-€77.10	0.8%	

**Table 1.** Economic values and % emphasis of the various traits in the EBI formula.

	Milk kg	Fat kg	Prot kg	Fat%	Prot%	CI days	Surv%
<b>Base Cow Performance</b>	5192	196	171	3.79	3.30	404	80

**Table 2.** Base Population Performance – 1995 born cows, calved and milk recorded in 2000

## Genetic Evaluations

Knowing the genetic merit of your herd is a key component to successfully improving traits of importance on your farm. The observed performance (e.g. 305 day milk yield) of an individual cow depends on two things:

- the genetic merit of the cows
- the environment in which she is performing

Genetic evaluations attempt to disentangle the effects of genes and the environment in order to select animals that have high genetic merit, and not those that perform well simply because they are well managed and fed. For example, if Cow X has a much higher genetic merit for milk yield than Cow Y, Cow Y will need much more feed to milk the same as cow X. Alternatively, if Cow X and Y are fed the same, Cow X will outperform Cow Y for milk yield. Genetic evaluations allow us to directly compare animals that are performing in many environments, by removing the part of the observed performance that is due to the environment and management of the cows.

We cannot directly alter the genetic merit of an individual cow, however improvements can be made for specific traits in the offspring of the cow provided she is bred to a sire that is better than she is for those traits. Therefore it is important to know both the genetic merit of the cow and the sire in order to make genetic improvements in traits of economic importance.

## How do I interpret the Predicted figures for Milk kg, Fat kg, etc. on my EBI Report?

We call these Predicted Transmitting Ability figures (PTAs). An animal's PTA indicates the amount of a particular trait an animal is expected to pass on to its progeny relative to the base population (See Table 2). The PTA is equal to half of its own Breeding Value since a cow only passes on half her genes to her offspring. All values on the EBI report are expressed as PTA's. Information on bulls (in catalogues, bull search, etc.) is also presented in terms of PTA.

The daughters of a bull with a PTA of 150kg for milk yield would be expected to produce, on average, 100kg more milk per lactation than the daughters of a bull with a PTA of 50kg if their dams have equal genetic merit. The actual difference will not be exact for comparing individual daughters because no two daughters would get exactly the same combination of genes or be exposed to exactly the same environment. Thus, daughters of the same sire may have varying performance.

### Example:

Cow 972 (**Fig 1.** below) has a Milk kg PTA of **+167kg** which means that she would be expected to produce 334 kg more milk than the base cow (167kg x 2 = 334kg). If she is mated to a bull with a Milk kg of **+233kg** the resultant offspring will have a potential for milk (i.e. Breeding Value) of **+400kg**.

Does this mean the offspring, assuming a heifer, will actually milk 400kg more than the "base cow" (i.e. 5190kg + 400kg = 5590kg)? The answer always depends on the level of management – the heifer will be genetically capable of milking 400kg more than the base cow but how much she physically outperforms the base cow will be dependent on the management of the animal. In a higher input environment she could perform much more than this or in a lower input environment it may be less than this.

**Key Point:** Although the potential of the offspring heifer is **+400kg**, she will only pass on half of this to her own offspring, therefore her PTA for milk kg is **+200kg** (½ her Breeding Value) and this is what is displayed on the EBI report.

In simple terms, in order to improve the potential of a cow's offspring to milk more, you need to use bulls that have a higher PTA for milk kg than the cow itself. The same applies to all other traits, be it milk solids yield, fat and protein % or calving interval and survival.

When selecting a team of bulls for your cows you should pick bulls that are higher than the herd PTA for the traits you want to improve. To improve individual cow weaknesses use the cow PTA to help you determine the best bull to use on her.

FB	Cow ID	Sire ID	Sire EBI	C. Date	Milk Kg	Milk	Fertility	Calving Health	Beef Mainten	EBI €
Name		Dam FB	Dam EBI	Age	Fat Kg %					
Breed		MG Sire ID	MGS EBI	Lact.	Prot Kg %					Herd Rank
<b>972</b>	IE151013760972	RUU	138	25/01/2009	167	€ 25	€ 32	€ 26	€ 5	<b>€ 84</b>
P TRUDY 8		383	39	3y 2m	9.0 0.05			€ 3	€ -9	
HO 93.8%		ASI	34	1	5.0 -0.01					

**Fig 1.** Example of an animal's PTA in the EBI Report

Rnk	Name	Address	Ebi	Milk	Fert	Calv	Beef	Maint	Mgmt	Health
1	Patrick Flynn	Coolmohan, Kilworth, Co. Cork	€234	€30	€174	€23	-€12	€18	-€1	€2
2	Liam O Leary	Ballybride, Conna, Co. Cork	€227	€70	€127	€31	-€14	€13	€1	-€1
3	Martin Kinane	Gortnacare, Ballyglass, Tipperary, Co. Tipperary	€222	€70	€124	€27	-€24	€27	€3	-€3
4	Timothy Fitzgerald	Green Road, Ballyroan, Portlaoise, Co. Laois	€218	€48	€134	€33	-€5	€1	€4	€4
5	Kieran Hearne	Ballinacurra, Carrick-On-Suir, Co. Waterford	€217	€61	€126	€29	-€14	€14	€2	-€2
6	David Lonergan	Modeligo, Ballyduff, Co. Waterford	€215	€72	€109	€31	-€20	€22	€3	-€2
7	Jim Delahunty	Ballykinash Carrig, Birr, Co. Tipperary	€214	€47	€132	€33	-€8	€9	€1	€0
8	Sean Ring	Doon, Kiskeam, Mallow, Co. Cork	€209	€68	€106	€25	-€28	€35	€5	-€2
9	William Slattery	Clahane, Ballyduff, Co. Kerry	€209	€66	€109	€28	-€27	€31	€4	-€3
10	Pat Ryan	Lauragh, Cappagh, Co. Waterford	€208	€76	€96	€32	-€29	€32	€4	-€3
11	Teagasc Next Generation Herd	Teagasc, Moorepark, Fermoy, Co. Cork	€208	€60	€114	€31	-€19	€20	€3	€0
12	Donal O'Loughlin	Rossmore, Ballymacarbry, Clonmel, Co. Tipperary	€207	€50	€129	€25	-€17	€20	€1	€0
13	Lorna Evelyn Sixsmith-James	Garrendenny, Crettyard, Co. Carlow	€207	€48	€132	€28	-€10	€9	€1	-€1
14	James Murray	Derrinsallagh, Birr, Co. Offaly	€205	€52	€125	€28	-€10	€10	€0	€0
15	John Timothy O'Connor	Sandymount, Tipperary, Co. Tipperary	€204	€62	€112	€26	-€22	€26	€4	-€4
16	James Dwyer	Moneymore House, Borris-In-Ossory, Portlaoise Co. Laois	€202	€61	€106	€27	-€33	€40	€4	-€3
17	Donald Thomas Scully	Cherry Hill House Ballyhyland, Portlaoise, Co. Laois	€202	€39	€130	€30	-€7	€6	€1	€3
18	Declan O'Dwyer	Derry, Lahinch, Co. Clare	€201	€54	€119	€26	-€13	€17	€0	-€1
19	James P Murphy	The Farm Trasna An Bothair, Ballinvarrig, Whitechurch, Co. Cork	€201	€57	€114	€27	-€17	€20	€2	-€3
20	Nigel Rothwell	Sandlea, Crefogue, Enniscorthy, Co. Wexford	€200	€67	€105	€27	-€14	€14	€3	-€2
21	Andrew Fitzgerald	Meenascorthy Camp, Tralee, Co. Kerry	€200	€63	€105	€28	-€16	€19	€4	-€2
22	Joseph Gohery	Ballinakill, Eyrecourt, Ballinasloe, Co. Galway	€199	€51	€115	€34	-€11	€8	€2	€0
23	Brendan Hinchion	Kealfinchion Kilnamartyra, Macroom, Co. Cork	€199	€63	€104	€32	-€13	€13	€2	-€2
24	Christine Lynch	Granig Farm, Minane Bridge, Co. Cork	€199	€63	€103	€27	-€22	€26	€4	-€3
25	George Kenny	Lisdowney, Ballyragget, Co. Kilkenny	€198	€40	€130	€28	-€12	€11	€0	€0
26	Kevin Downing	Faranastig, Whitechurch, Co. Cork	€198	€63	€103	€29	-€5	€5	€3	€0
27	Kevin Hegarty	Ballyderown, Kilworth, Co. Cork	€198	€64	€100	€33	-€5	€1	€3	€1
28	Ciaran Mulligan	Kilgariff, Arva, Co. Cavan	€197	€63	€102	€23	-€31	€39	€4	-€3
29	Mr Thomas Garry	Cornfield, Ballynacally, Ennis, Co. Clare	€197	€67	€100	€28	-€15	€16	€3	-€2
30	Brendan Meagher	Laha, Castleiney, Templemore, Co. Tipperary	€196	€61	€105	€28	-€19	€22	€3	-€4
31	Liam Leahy	Bridelands, Crookstown, Co. Cork	€196	€61	€103	€32	-€8	€5	€4	-€1
32	Colm O'Connor	Corbally, Glanworth, Mallow, Co. Cork	€196	€66	€105	€25	-€10	€9	€3	-€1
33	David Kerr	Ross, Portlaoise, Co. Laois	€195	€56	€105	€32	-€17	€20	€1	-€2
34	Michael Hunt	Rhincrew, Youghal, Co. Waterford	€195	€65	€99	€30	-€9	€7	€4	-€1
35	Brian Costello	C/O Cherry Island Farm Ltd, Rathermon, Via Boyle, Co. Sligo	€194	€57	€104	€26	-€27	€33	€3	-€2
36	Andrew Gow	Glenstal Farm, Murroe, Limerick Co. Limerick	€194	€63	€101	€28	-€25	€30	€3	-€5
37	Patrick Tattan	Ballinaborthagh, Carrig Na Bhfear, Co. Chorcaí	€194	€64	€98	€28	-€14	€14	€5	-€1
38	Aidan + Fiachra Liston	Ballyculleen, Croom, Co. Limerick	€193	€56	€108	€31	-€13	€11	€2	-€1
39	Phyllis Cassidy	Cortown Hse, Cortown, Kells, Co. Meath	€193	€64	€98	€30	-€19	€22	€3	-€4
40	Alexander Crofts	Velvetstown, Buttevant, Co. Cork	€193	€63	€99	€27	-€22	€24	€3	-€2
41	Thomas J Kearney	Ballybrowney, Rathcormac, Co. Cork	€193	€56	€102	€32	-€4	€1	€2	€3
42	Frank O'Brien	Garryricken, Windgap, Co. Kilkenny	€192	€45	€116	€24	-€21	€26	€3	€0
43	Denis O'Connell	Knocknacarracoush, Cullen, Mallow, Co. Cork	€192	€73	€82	€36	-€4	€0	€3	€3
44	Michael Bradley	Coolderry, Kilmichael, Macroom, Co. Cork	€192	€55	€109	€28	-€13	€12	€2	€0
45	Patrick Ahern	Sheanmore, Ballyduff, Co. Waterford	€192	€63	€101	€29	-€11	€8	€3	€0
46	Joseph D'Arcy	Moneycross, Gorey, Co. Wexford	€192	€54	€107	€30	-€20	€21	€1	-€1
47	Brendan Meade	White Leas, Stamullen, Co. Meath	€192	€62	€99	€29	-€5	€3	€3	€1
48	Shane Maxwell	Moore Hill Farms, Deerpark, Lismore, Co. Waterford	€192	€55	€103	€26	-€21	€26	€3	€0
49	Kevin Twomey	Renny Lower, Ballyhooly, Co. Cork	€192	€60	€101	€26	-€22	€25	€3	-€2
50	David W Baker	Killeen Farm, Birr, Co. Offaly	€191	€65	€94	€27	-€25	€30	€3	-€4



Rnk	Name	Address	Ebi	Milk	Fert	Calv	Beef	Maint	Mgmt	Health
51	Brian Ronayne	Donickmore, Dungourney, Co. Cork	€191	€62	€99	€27	-€25	€28	€3	-€4
52	Seamus Crawford	Glenlara, Garryspillane, Kilmallock, Co. Limerick	€191	€53	€109	€27	-€14	€15	€3	-€1
53	Robert Shannon	Gurteenakilla, Ballydehob, Co. Cork	€191	€71	€84	€33	-€11	€9	€4	€2
54	Liam Budds	Summerhill, Kinsalebeg, Youghal, Co. Waterford	€191	€61	€103	€27	-€11	€9	€2	-€1
55	Melvyn Mooney	Nelsonhall, Templeberry, Nenagh, Co. Tipperary	€191	€62	€96	€32	-€13	€12	€3	-€2
56	John King	Muckenaugh, Lixnaw, Co. Kerry	€191	€50	€108	€30	-€6	€3	€5	€1
57	James Anthony Lanigan	Clonamondra, Gortnahoe, Thurles, Co. Tipperary	€191	€56	€103	€26	-€26	€31	€3	-€3
58	Denis O'Leary	Inchirahilly, Crookstown, Co. Cork	€190	€60	€99	€31	-€11	€9	€4	-€1
59	Michael Kennedy	Killyloughnane, Nenagh, Co. Tipperary	€190	€54	€104	€32	-€9	€8	€2	-€1
60	Bill O'Keefe	Knockmourne, Conna, Co. Cork	€190	€57	€98	€29	-€23	€29	€3	-€3
61	Ben Tyrrell	Woodtown Abbott, Kildalkey, Co. Meath	€190	€37	€120	€9	-€58	€78	€5	€0
62	Clement Twomey	Mount Rivers, Fermoy, Co. Cork	€190	€57	€107	€26	-€10	€11	€1	-€2
63	Laurence Looby	Kilgreany, Cappagh, Co. Waterford	€189	€60	€106	€25	-€11	€12	€1	-€3
64	Ms Olive Weeks	Ballyagogogue, Kilfinane, Co. Limerick	€189	€65	€94	€28	-€23	€26	€4	-€4
65	John Hehir	Carrowreagh East, Cranny, Co. Clare	€189	€60	€100	€29	-€17	€19	€4	-€5
66	John Hunt	Lissacahanorth, Schull, Co. Cork	€189	€58	€107	€24	-€15	€17	€2	-€3
67	Fintan Rice	Everardsgrange, Fethard, Co. Tipperary	€189	€44	€108	€30	-€21	€24	€2	€2
68	Patrick J Quirke	Breanshmore, Tipperary, Co. Tipperary	€189	€57	€102	€28	-€17	€21	€1	-€3
69	Eoghan McCarthy	Callinafercy, Milltown, Co. Kerry	€189	€53	€108	€25	-€9	€10	€2	-€1
70	Teagasc Moorepark	Animal & Grassland Research Centre, Fermoy, Co. Cork	€189	€62	€93	€31	-€16	€17	€2	-€1
71	Michael O'Brien Jnr	Ballinaparka, Kilworth, Co. Cork	€188	€58	€102	€29	-€10	€11	€1	-€2
72	Philip Donohoe	Ballyellen, Goresbridge, Co. Kilkenny	€188	€65	€92	€30	-€17	€19	€3	-€3
73	Larry Kearney	Barnahash, Rathcormac, Fermoy, Co. Cork	€188	€51	€101	€32	-€5	€5	€1	€2
74	Patrick Wilfre Medforth	Piercefield, Bunbrosna, Mullingar, Co. Westmeath	€188	€60	€95	€26	-€27	€31	€5	-€3
75	Catherine Hayden-Millerick	St Johnstown, Fethard, Co. Tipperary	€188	€64	€90	€31	-€22	€25	€5	-€4
76	Thomas Cahill	Knegare, Brosna, Tralee Co. Kerry	€188	€60	€101	€27	-€12	€14	€1	-€3
77	Damien McDonald	Agricultural College, Ballyhaise, Co. Cavan	€188	€55	€100	€27	-€23	€26	€4	-€2
78	Walter Power	Mangan, Nine-Mile-House, Carrick-On-Suir, Co. Tipperary	€188	€39	€119	€25	-€11	€11	€3	€2
79	Peter Young	Castlefarm, Narraghmore, Athy, Co. Kildare	€188	€52	€102	€28	-€14	€17	€3	-€1
80	William James Fenton	Tinniscart, Aglish, Cappoquin, Co. Waterford	€188	€55	€107	€24	-€9	€9	€3	-€1
81	Damian Murphy	Allensbridge, Newmarket, Co. Cork	€188	€54	€107	€27	-€13	€12	€2	-€2
82	Patrick Ahern	Bridepark, Conna, Co. Cork	€187	€67	€83	€36	-€9	€6	€4	€1
83	Seamus Knox	Ballygown, Piltown, Co. Kilkenny	€187	€54	€104	€29	-€5	€6	€1	-€1
84	William F Buckley	Cappagh, Co. Waterford,	€187	€56	€102	€30	-€13	€14	€1	-€2
85	Padraig Kenneally	Cregane, Charleville, Co. Limerick	€187	€53	€103	€31	-€17	€18	€3	-€3
86	Patrick M Clancy	Dangan, Ballyporeen, Cahir, Co. Tipperary	€187	€46	€110	€29	-€8	€9	€0	€1
87	Brian Murphy	Castlecor, Oldcastle, Co. Meath	€187	€60	€94	€24	-€30	€36	€5	-€3
88	Thomas Russell	Kilteskin, Aghada, Midleton, Co. Cork	€187	€67	€92	€30	-€7	€5	€3	-€3
89	Donnacha Tobin	Curradarra Aglish, Cappoquin, Co. Waterford	€187	€64	€94	€26	-€23	€26	€2	-€2
90	Michael Joyce	Aghern, Conna, Mallow, Co. Cork	€187	€67	€86	€33	-€12	€9	€3	-€1
91	Kevin Commins	Tullyally Farm, Castlepollard, Co. Westmeath	€187	€63	€92	€25	-€32	€38	€4	-€4
92	Donal Counihan	Faha, Killarney, Co. Kerry	€187	€60	€95	€29	-€15	€17	€3	-€2
93	Seamus Cronin	Shronebeg, Rathmore, Co. Kerry	€186	€58	€106	€23	-€12	€14	€1	-€3
94	Trevor Beamish	Cloneen, Carrigtwohill, Co. Cork	€186	€63	€99	€26	-€9	€9	€0	€0
95	Terry Cassin	Boheragaddy, Bennettsbridge, Co. Kilkenny	€186	€49	€107	€30	-€14	€15	€1	-€1
96	Liam Tobin Farm Ltd	Kilnoracy, Kilsheelan, Clonmel, Co. Tipperary	€186	€52	€102	€29	-€16	€18	€3	-€2
97	Mitchell Hayes	Dawstown House, Dawstown, Blarney, Co. Cork	€186	€60	€96	€26	-€26	€31	€2	-€4
98	Ian Kingston	Sillertone, Dunmanway, Co. Cork	€186	€57	€100	€26	-€21	€24	€0	-€1
99	Andrew Dineen	Ballyvoige Kilnamartyra, Macroom, Co. Cork	€186	€63	€91	€30	-€20	€21	€4	-€3
100	Tony Beecher	Castleblagh, Ballyhooly, Co. Cork	€186	€71	€82	€34	-€5	€2	€4	-€1

## AI Company - Contacts

AI Company	Tel	Email	Web
ABS	022 - 46030	slavery@genusbreeding.co.uk	www.genusbreeding.co.uk
Bova AI	061 - 351233	info@bova-ai.com	www.bova-ai.com
Dovea Genetics	0504 - 21755	info@dovea-genetics.ie	www.dovea.ie
Eurogene	052 - 7442940	info@eurogeneaiservices.com	www.eurogeneaiservices.com
NCBC - Progressive Genetics	1850 - 20-20-50	info@ncbc.ie	www.ncbc.ie
NCBC - Munster AI	022 - 43228		
World Wide Sires Ireland	087-9519850	info@wvsireland.com	www.wvsires.com
Sligo AI	071-9118892	info@sligoai.com	www.sligoai.com

## ICBF - Contacts

Area	Tel	Fax	Email	Web
ICBF	023-8820222	023-8820229	query@icbf.com	www.icbf.com
Herdplus	1850-600-900	023-8820229	query@icbf.com	www.icbf.com
Gene Ireland	1850-600-900	023-8820229	query@icbf.com	www.icbf.com
Weight Recording	1850-600-900	023-8820229	query@icbf.com	www.icbf.com



# Dairy HerdPlus

Dear Herdowner,

- The data you have been recording on your animals (Calving Ease, AI Serves, Dry offs, etc.) is stored securely in the ICBF database
- ICBF has combined this data with information recorded on your cows by other Organisations in the Dairy Industry (Milk Co ops, Milk Recording Orgs, AI Companies, DAFM, etc.)
- **The resulting Reports have already been generated for your herd and are now available for you to use through Dairy HerdPlus®**



## EBI

EBI values (based on A+B C Co op payment method) for all animals in the herd are shown & the herd is ranked nationally

## Dairy Cow Report

Breakdown of each cow's individual performance throughout her lifetime, including her production data

## Calving & Fertility

Track submission rates, find out your herd's calving interval & identify what cows should be culled

## Inbreeding

Ensures that close matings are avoided before a Stockbull /AI Sire is used

## Stock

View Stock numbers broken down by month & category of animal. Extremely useful for end of year accounts

## Sire Advice

Create the best matings for your cows, prevent inbreeding & maximise your herd's genetic gain.

## Online herd data

Reduce the need for filing, reports stored online, available at the click of a button

## Support

A dedicated team of people available to answer your queries on Lo call 1850 600 900

Don't let this valuable breeding information go to waste – sign up today

Dairy cattle breeding information for your herd

**1850 600 900**

from  
**€60**  
per year

# MILK RECORDING

## MAKING YOU MONEY

DELIVERING

# €12,000

## HIGHER MILK OUTPUT

	Milk Kgs per Cow	Fat + Prot Kgs	Milk Value	Difference per Cow	Difference 70 Cow
Never Milk Recorded	4107	303	€1,281		
Started Milk Recording in 2012	4284	319	€1,345	<b>+€64</b>	<b>€4,480</b>
Continually Milk Recording + Discussion Group and/or Herdplus	4616	347	€1,465	<b>+€184</b>	<b>€12,880</b>

Milk Value A+B-C @27c/l; Source ICBF 2014

## CAN YOU AFFORD NOT TO KNOW YOUR HIGH SCC COWS

SCC (,000)	Litres Lost/Lact	€ Lost per cow @28 c/l	€ Lost per 70 cow herd @28 c/l
50-100	0		
100-200	-174	€48.72	€3,410
200-300	-309	€86.52	€6,056
300-400	-367	€102.76	€7,193
400+	-422	€118.16	€8,271

Source: Costcheck, Animal Health Ireland

## DON'T POUR MONEY DOWN THE DRAIN - CALL TODAY

  
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cattle breeding group

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t: 01-4502142



t: 062-33111