

# Pat Donnellan & Ross Evans Galway Charolais Club Meeting

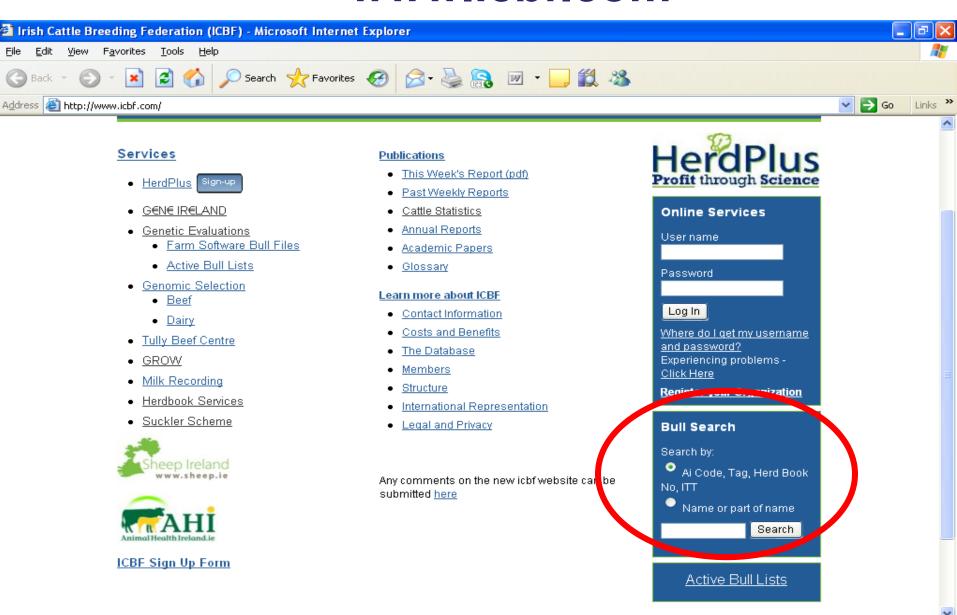
Tuesday 22<sup>nd</sup> November 2011

# Agenda

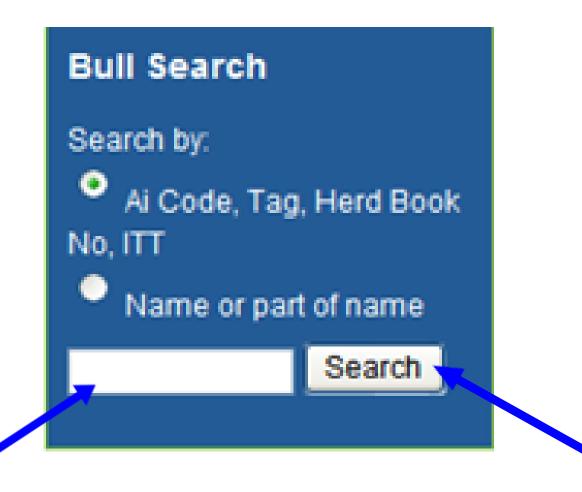
- Bull Search
  - €uro-Stars Changing
  - Reliability %
- Maternal Evaluations
- Herdplus
  - Bull Tracker Report

# What is the ICBF 'Bull Search?

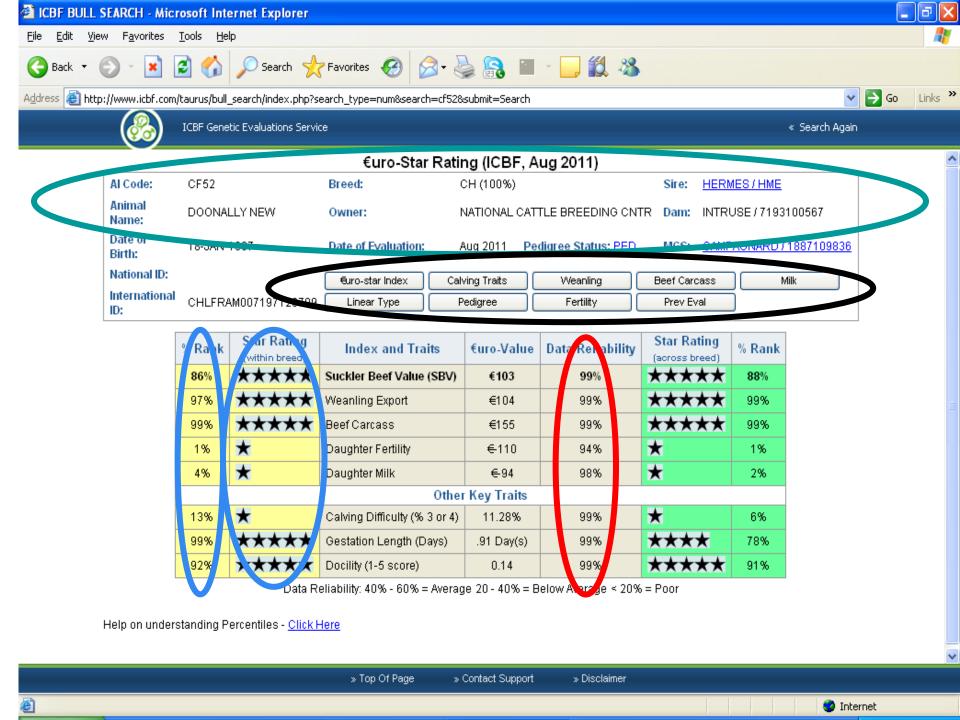
#### www.icbf.com



#### **ICBF Bull Search**



Enter Bull's Tag Number, Al Code or name & click 'Search'.



# Why does a Bull's €uro-Star figures change?

## Why does a Bull's figures change

#### **Every Bull's figures updated 3 times per year:**

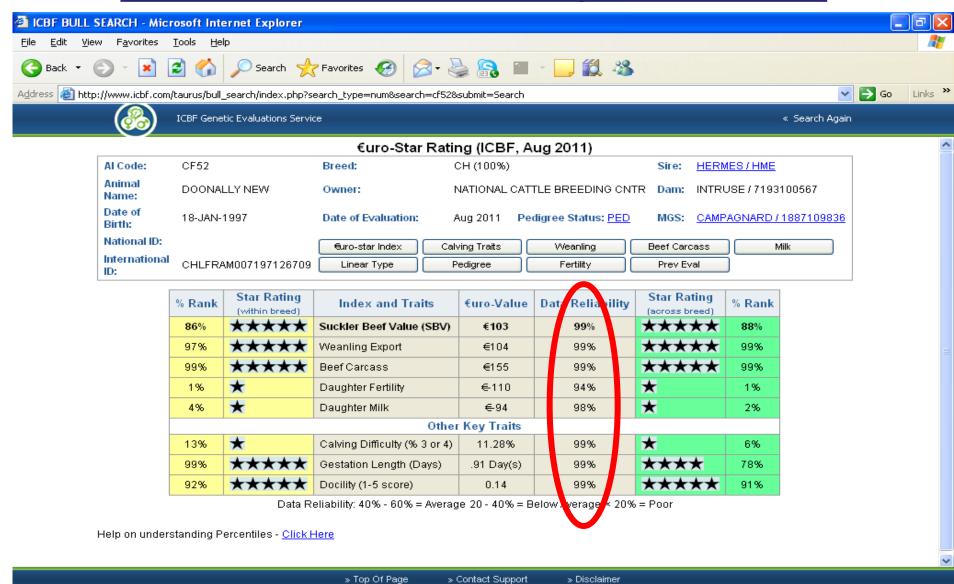
April, August, December

#### A Bull's €uro-Star Figure may change due to:

- •New Data records on:
  - The Bull himself & his herdmates, e.g. Liveweight or linear scoring.
  - His progeny in your herd or on progeny sold to other herds.
  - Any known relatives of your Bull (that you might not know about) e.g.
     Full brother's progeny or his Sire's progeny in another herd etc.
- Change to how the index is calculated: improvements
- Yearly update: stars are rolling and based on last 5 years

# What does 'Reliability %' mean?

## What does Reliability % mean?



## What does Reliability % mean?

# It is an indication of the level of confidence that can be placed in the figures.

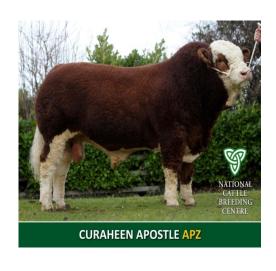
The more progeny and herds that a Bull has, the higher his reliability % will be as we are increasingly confident about how he is breeding.

	Reliability % Guide								
	Range	Description							
0-20%	Low	Very Low - €uro-Stars mostly based on Ancestry data.							
20-50%	Low - Medium	€uro-Stars are Increasingly useful. Bull's own performance							
		affecting figures. €uro-Stars increasingly based on progeny records.							
30-33 /6		€uro-Stars completely based on progeny records. Little change							
>95%	High	seen in Bull's evaluation figures.							

# Reliability in action

# Examples at various stages of progeny testing

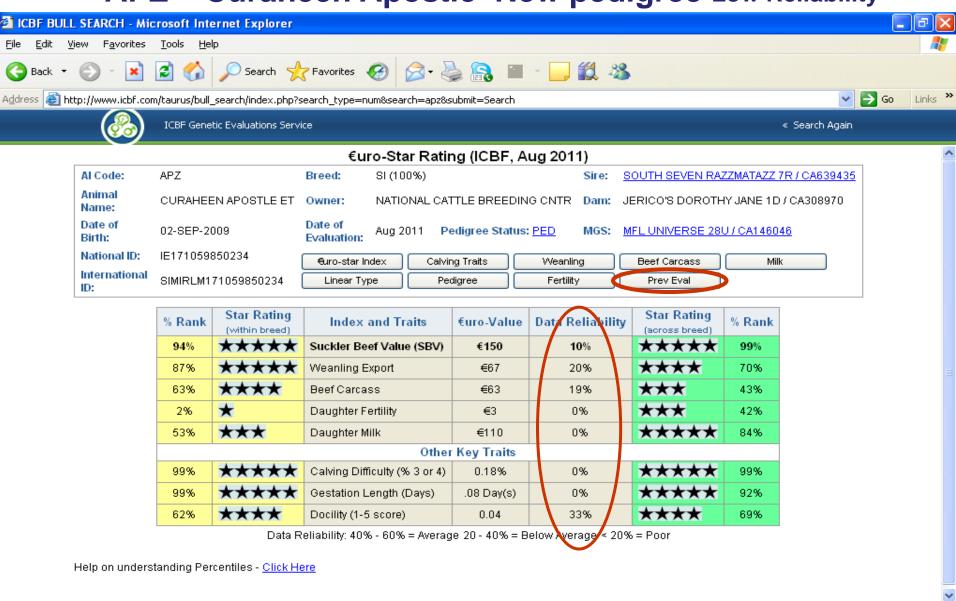
APZ Apostle CBQ Cambridge CF85
Balthazar







#### APZ – Curaheen Apostle New pedigree Low Reliability



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Done



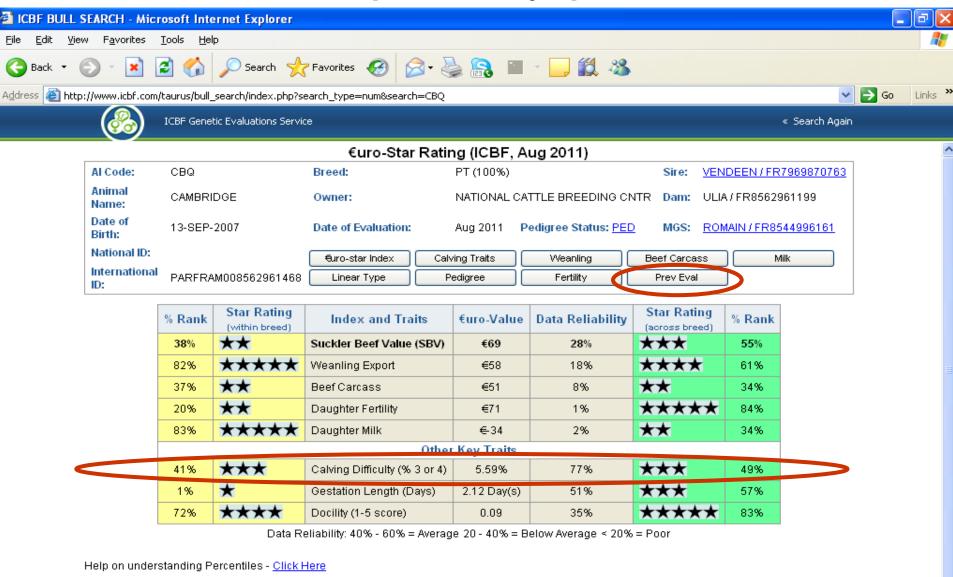
Date	SBV €	SBV rel %	Weaning Exports €	Beef Carcass €	Milk €	Fertility €	Difficulty Calving %	Docility	Milk Kg
Aug 2011	€150	10%	€67 (20%)	€63 (19%)	€110 (0%)	€3 (0%)	0.18 (0%)	.04 (33%)	11.10 (0%)
Apr 2011			€69 (19%)	€62 (18%)	€112 (0%)			.03 (32%)	11.31 (0%)
Dec 2010			€69 (19%)	€66 (18%)	€107 (0%)			.03 (32%)	10.76 (0%)
Aug 2010			€73 (20%)	€84 (20%)	€107 (0%)			.02 (31%)	10.82 (0%)
April 2010	€63	9%	€73 (20%)	€83 (20%)	€127 (0%)			.02 (31%)	12.79 (0%)
Jan 2010			€18 (2%)	€17 (2%)	€62 (0%)				6.30 (0%)

#### Number progeny records included in evaluation

	0.						C				I			Daniel	4		_	
	Ca	Calving		Wea			eanning a	me	Larca	ss record	S			Daughter Maternal Records				
Evalation Run	Calving Difficulty	Gest	Mort	Wean Weights	Live Weight	s	Linear	D	ocility	Farmer Calf Qual	Mart pperkg	Carcass weight	Age First Calving	Mat Calv Diff	Mat Wean Weight	Daughter Calving Interval	Daughter Surv	
Aug 2011							*											
Apr 2011							*											
Dec 2010							*											
Aug 2010							*											
April 2010							*											
Jan 2010																		

<sup>\*:</sup> Where an animal has its own performance included in Linear evaluation, this is flagged with an asterisk.

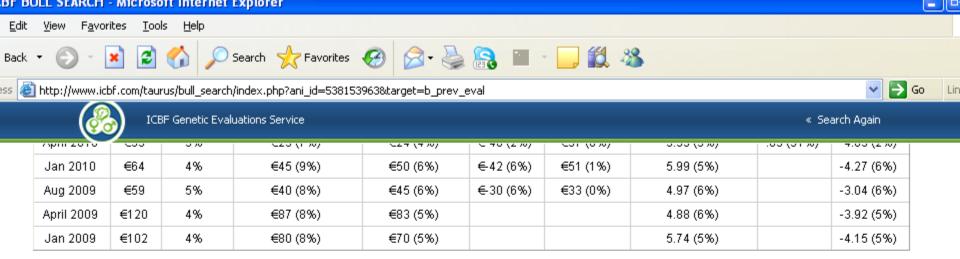
## CBQ: partially proven



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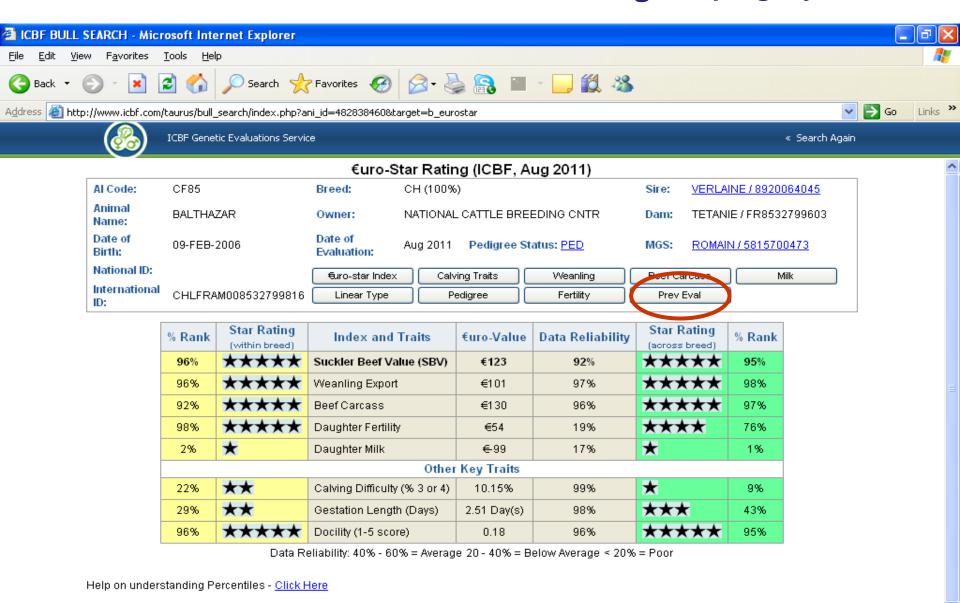


#### Number progeny records included in evaluation

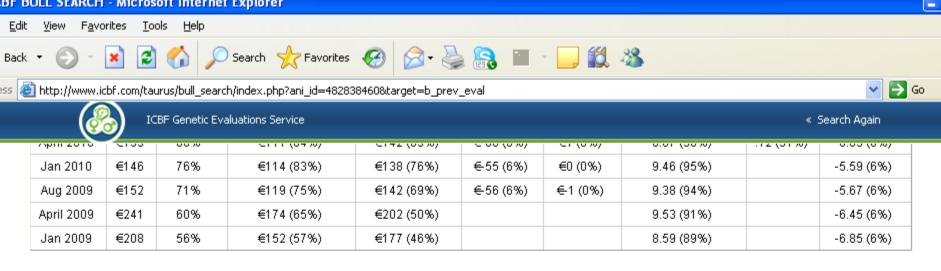
	Ca	nMing		Weanling and Carcass records						Daughter Maternal Records					
Evalation Run	Calving Directly	Gost	Mort	Wean Weights	Live Weights	Linear	Docility	Farmer Calf Qual	Mart pperkg	Carcass weight	Age First Calving	Mat Calv Diff	Mat Wean Weight	Daughter Calving Interval	Daughter Surv
Aug 2011	59	12	58	1	0	0	1	1	1	0	0	0	0	0	0
Apr 2011	13	6	13	1	0	0	1	1	1	0	0	0	0	0	0
Dec 2010	5	1	3	0					0	0	0	0	0	0	0
Aug 2010	1	0	1	0					0	0	0	0	0	0	0
April 2010															
Jan 2010															
Aug 2009															
April 2009															
Jan 2009															

<sup>\*:</sup> Where an animal has its own performance included in Linear evaluation, this is flagged with an asterisk.

#### CF85 - Balthazar: Index change & progeny?



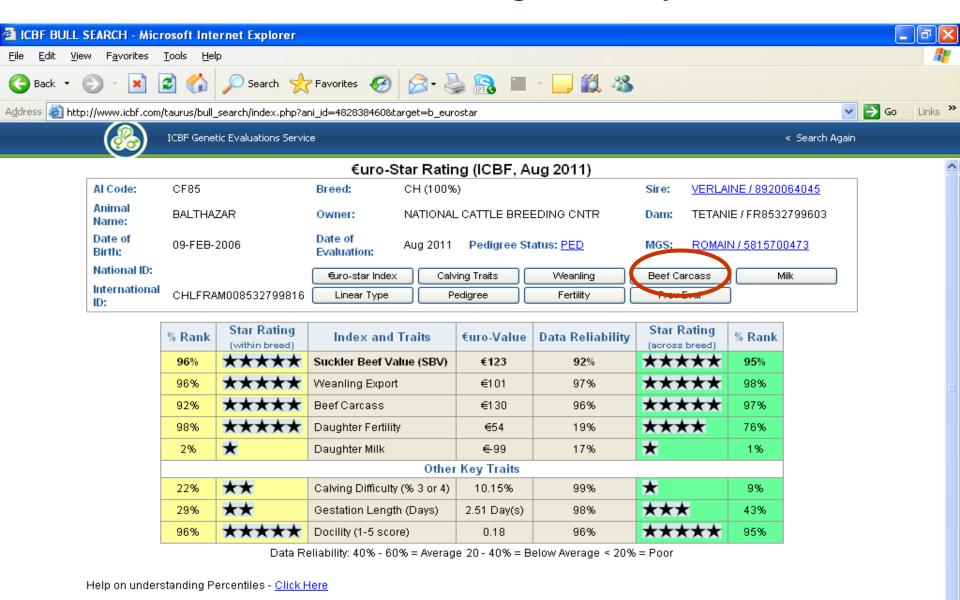
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#### Number progeny records included in evaluation

	C	alving		Weanling and Carcass records						Daughter Maternal Records					
Evalation Run	Calving Difficulty	Gest	Mort	Wean Weights	Live Weights	Linear	Docility	Farmer Calf Qual	Mart pperkg	Carcass weight	Age First Calving	Mat Calv Diff	Mat Wean Weight	Daughter Calving Interval	Daughter Surv
Aug 2011	2698	563	2589	450	211	175	393	401	187	186	18	15	6	1	3
Apr 2011	1657	350	1579	316	92	156	358	379	125	129	9	7	3	0	3
Dec 2010	1170	223	1122	178	46	129	262	236	47	95	5	7	2	0	0
Aug 2010	961	190	919	92	24	103	206	125	7	63	3	5	0	0	0
April 2010	483	133	452	84	18	97	163	127	7	26	0	0	0	0	0
Jan 2010	402	124	372	81					7	7	0	0	0	0	0
Aug 2009	332	114	314	50					1	4	0	0	0	0	0
April 2009	209	82	198	30					2	0	0	0	0	0	0
Jan 2009	156	46	146	20					1	0	0	0	0	0	0

#### CF85 - Balthazar High Reliability- Terminal

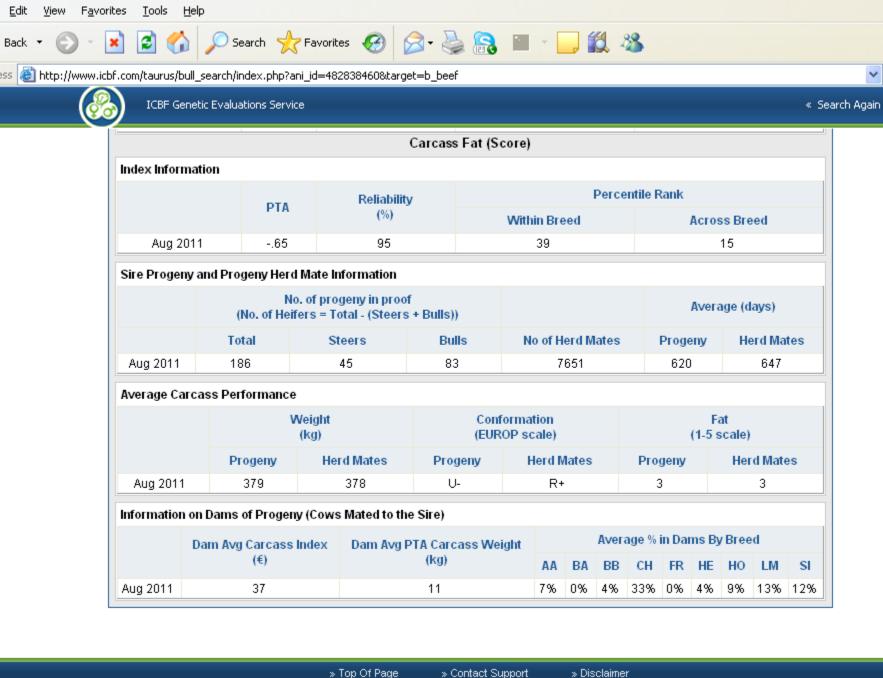


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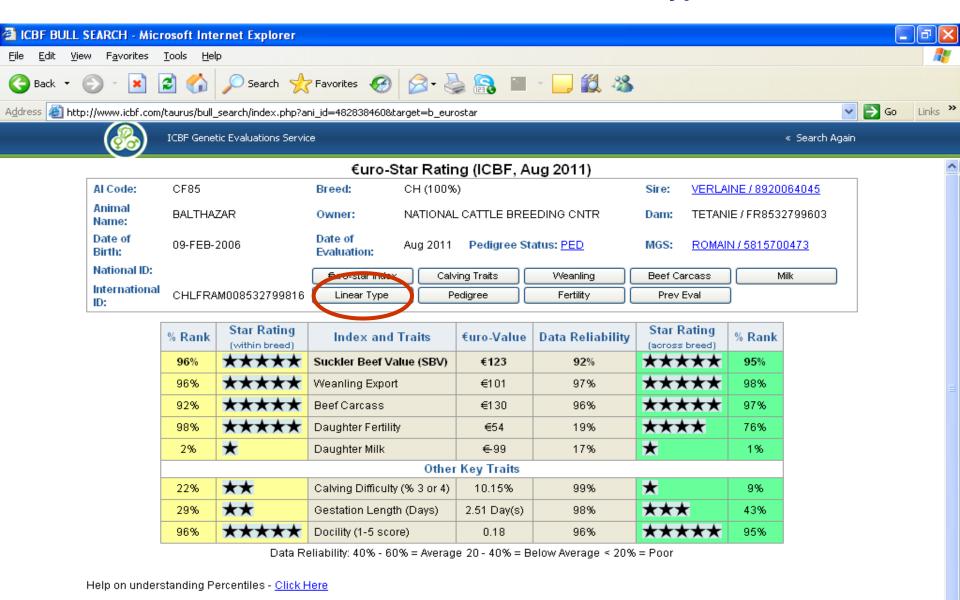


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DF BULL SEAKCH - MICROSOTT INTERNET EXPLORER

#### CF85 - Balthazar Linear type

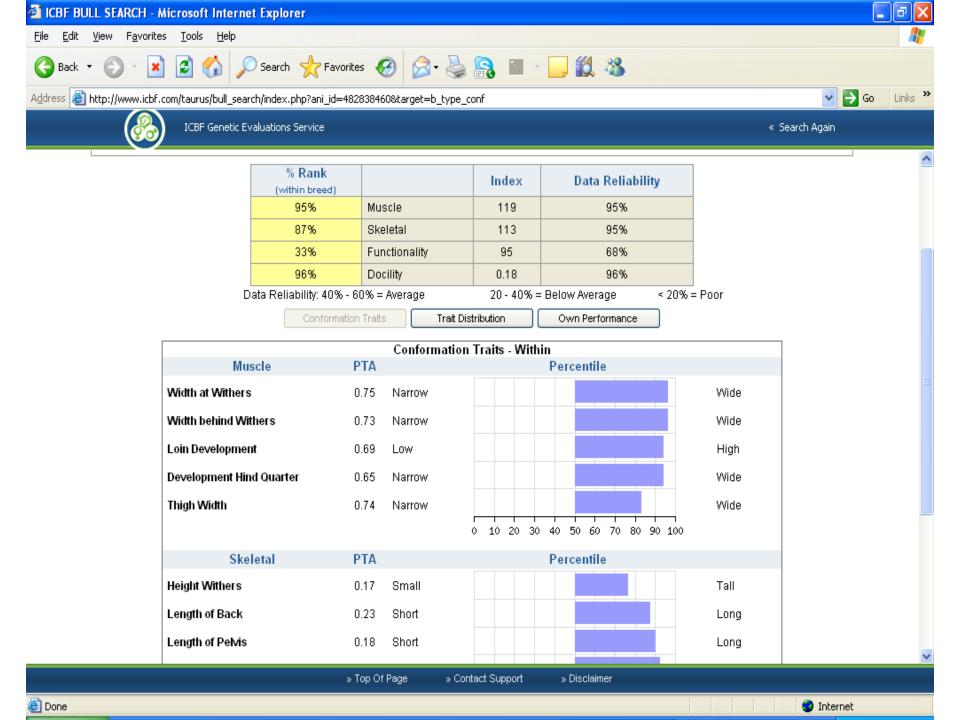


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#### Services





- Register your Organisation
- G€N€ IR€LAND
- Genetic Evaluations
  - · Farm Software Bull Files
  - Active Bull Lists
- · Genomic Selection
  - Beef
  - Dairy
- Tully Beef Centre
- GROW
- Milk Recording
- Herdbook Services
- Suckler Scheme
- ICBF Sign Up Form





#### Publications

- · This Week's Report (pdf)
- Past Weekly Reports
- Cattle Statistics
- National Statistics
- · Annual Reports
- Academic Papers
- Glossary

#### Learn more about ICBF

- · Contact Information
- · Costs and Benefits
- · The Database
- Members
- Structure
- · International Representation
- Legal and Privacy





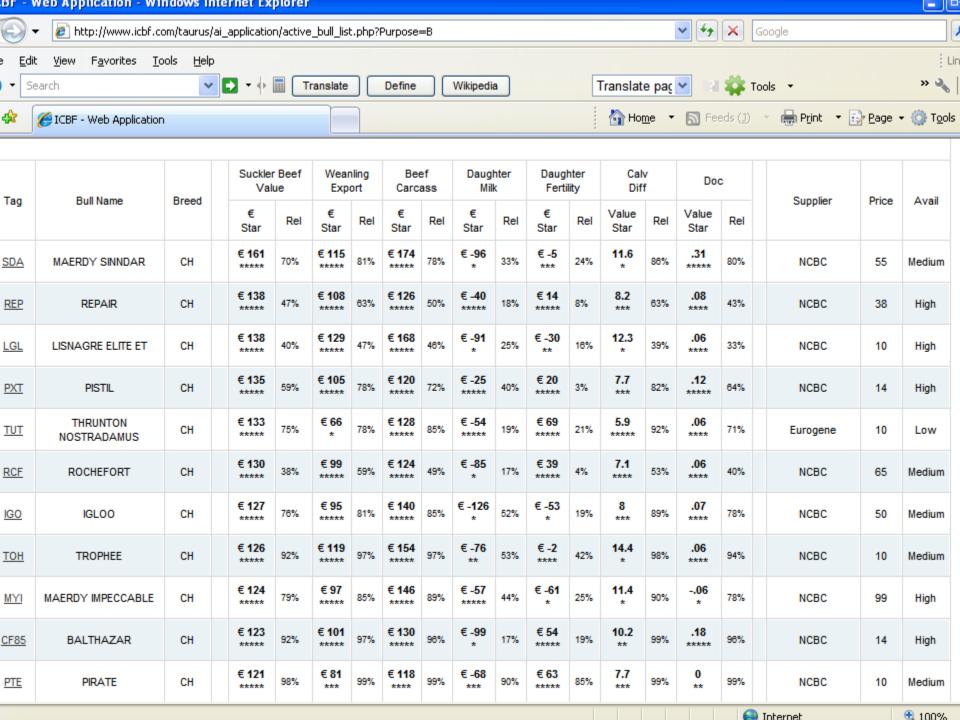
## HerdPlus Profit through Science





Active Bull Lists

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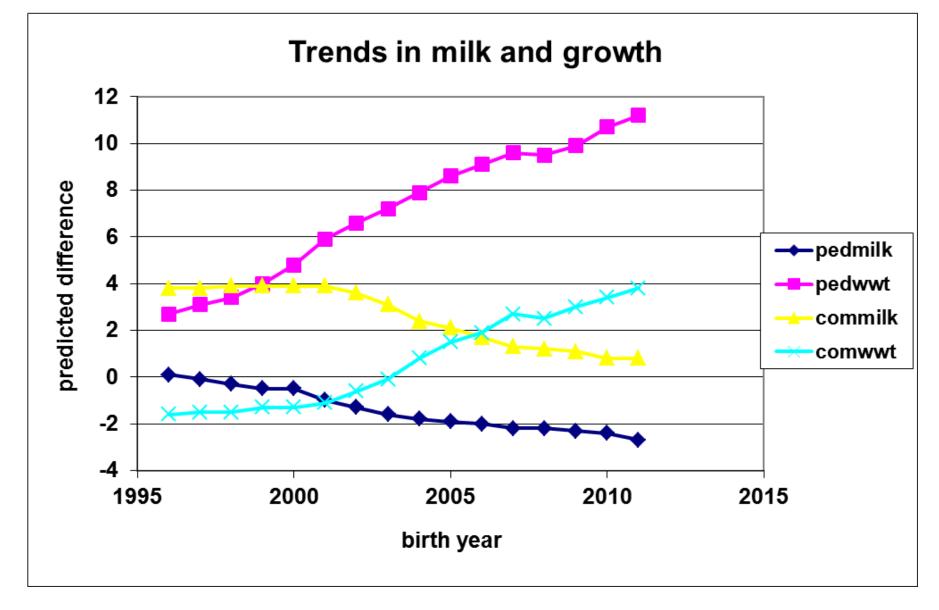
# New Milk evaluation: Breed representation

	Number of	%
Breed	animals	pedigree
СН	58,391	37%
LM	45,456	34%
SI	11,910	56%
вв	9,260	3%
AA	5,044	23%
HE	2,381	56%
SH	1,809	36%
BA	1,383	24%
SA	1,163	36%
AU	772	70%
PT	392	35%
PI	314	55%

Goal trait 150 – 250 days and with a sire and maternal grandsire

# Foreign information

	Number of Al sires with	Number of foreign progeny behind
Breed of sire	foreign proof	EBV
Aubrac	35	16,689
Blonde D'A	50	150,859
Charolais	184	284,150
Limousine	117	223,424
Partenaise	21	17,746
Saler	38	21,572
Total	445	714,440



 Definite trend in both the pedigree and commercial Charolais herds: increasing growth merit and decreasing milk.

# Top Available Charolais Maternal Al Sires – New Proofs

Code	Name	Milk	New Within Stars	New Across Stars	New Rel %	French Milk proof	French Rel %
SNO	SNOOPY	€90	****	****	52%	108	79%
PNY	PINAY	€67	****	****	74%	109	97%
REP	REPAIR	€52	****	****	47%	99	68%
SLV	BOVA SYLVAIN	€33	****	****	87%	102	66%
CF60	LTINTIN	€13	****	***	67%	97	22%
HWD	HOLIWOOD - T	€5	***	**	68%	95	90%
PIX	PHENIX	€3	***	**	58%	99	33%

- French proofs influencing Irish €uro-Stars.
- ICBF System identifying Bulls not used in France also.

#### **Pinay - PNY**



Code	e Name	Milk	New Within Stars	New Across Stars	New Rel %	French Milk proof	French Rel %
PNY	PINAY	€67	****	****	74%	109	97%

- Most used Charolais Sire in France for 3<sup>rd</sup> year.
- Dam still alive & producing embryos at 13 years old.

#### **Snoopy - SNO**



Code	Nam e	Milk	New Within Stars	New Across Stars	New Rel %	French Milk proof	French Rel %
SNO	SNOOPY	€90	****	****	52%	108	79%

- 2009 Champion Maternal Bull in France
- Sexed Semen available.

**Bova Sylvain - SLV** 



Code	Nam e	Milk	New Within Stars	New Across Stars	New Rel %	French Milk proof	French Rel %
SLV	BOVA SYLVAIN	€33	****	****	87%	102	66%

- Positive for milk in Ire & France nearly 90% reliable.
- Dam produced regularly for 9 years

#### LTintin - CF60



Code	<b>N</b> am e	Milk	New Within Stars	New Across Stars	New Rel %	French Milk proof	French Rel %
CF60	LTINTIN	€13	****	***	67%	97	22%

Positive for milk in Ireland

#### **Top Charolais Al Sires >90% Reliable**

Code	Nam e	Milk	New Within Stars	New Across Stars	New Rel %	French Milk proof	French Rel %
HKI	ENFIELD HARA KIRI	€49	****	****	98%	104	39%
MHG	MEATH HOTDOG	€46	****	****	90%		
GLL	GLASSLECK LIAM	€43	****	****	92%		
CF43	DOONALLY DONALD	€41	****	****	98%	93	36%
IC29	CASTLELOMA CRUISE	€41	****	****	95%		
LIR	LOISIR	€41	****	****	92%	106	33%
DGO	DIEGO	€41	****	****	92%	106	97%
FHO	FARMLEIGH ROMEO	€35	****	****	95%		
TFY	TYONE FROSTY	€26	****	***	90%		
CF51	DOONALLY NICEFOR	€25	****	***	98%		
FNA	FARMLEIGH NEV A DA	€22	****	***	90%		
LUI	LISNALURG IGNOT	€17	****	***	97%		

- Past Charolais Sires that were positive for milk.
- Without French system top Bulls can still be identified.



### Herdplus



- Cattle Breeding Information Service for farmers.
- Provides ready made reports for your herd.
- Compares your herd against national average figures.
- Tells you about how animals that you bred perform afterwards:
  - Suckler Cow Report
  - Bull Tracker Report New Under Construction

#### **Suckler Cow Report**

		<b>Animal Deta</b>	ils		Ancestry Details								€uro-Star Index								
Jumb	00:	386				0:1-0:	8994	410011	0			Within Breed			Index	Rel%	Acros	ss Breed			
Offici	ial Tag:	IE141522520386				Sire's Sire	JAS	ON				***	Suckler Beef	Value	€69	34%	**	*			
Anim	al Name:	:				Sire's Dar		410822	7			Beef Value									
Date	of Rirth:	10/02/2004				Sile S Dai	'' JAF	JAFFA				****	Weanling Exp	ort	€60	29%	**	**			
			(500() LINI	۵.	. MZT							****	Beef Carcass		€ 59	37%	**				
Breed		HO (40.63%), CH (9.38%)	(50%), UN	Sire	):	MOZART					ŀ		Replace	ment Val	ue						
Herdl	book:	(,		Dan		IETGVG0041P ★ Daughter Fertility €8										***					
	ored:			Dali	1.						Ì		Daughter Milk	(	<del></del>	23%	**				
Weig	ghed:					DI- 6:								<b>Key Traits</b>							
BLU	P Index (Reliability 27%)					Dam's Sire:						*	Mat Calving D	Oiff %	€8.9	44%	*				
MU	JSCLE					Dam's Dam:					***	Gestation Ler	ngth	€0.69 30%		**	***				
	99	103									Ī	****	Docility		0.1	34%	**	***			
		Calving	& Fertility	Perfo	rm	ance					1	Neanling 8	& Carcass	Perfor	man	се					
											3	€	Calf	奥			F				
	Calving Date	g Tag Numbe	Calving r Survey		Sex	Current Status	Sire	Sire Breed	Age days	Weight Kgs	Growtl Kg/Day	n Price/Kilo	Quality	Docility	Age a Slaug (mont	ht. C		Carcass Weight			
<u> 1</u>	08/04/20	06  IE1418174 <b>807</b>	759 Normal		F	Exported	EOB	AA		T			<u> </u>		Т						
	21/02/20			318	M	Dead	0140L								24	R-	2+	372			
3	14/01/20	08 IE1418174 <b>408</b>	362 Vet. Assis	326	М	Dead	PEU	СН							2		$\neg$				
4	04/12/20	08 IE1418174 <b>30</b> 9	Normal	324	F	Dead	CF61	СН					V.Good	Quiet	13	U-	2=	261			
	26/01/20			417	F	Sold	AZA	СН					V.Good	Quiet							
	01/12/20			308	F	In herd	BLQ	BB					Average	Quiet							
7	09/11/20	11   IE1418174 <b>912</b>	246 S. Assis	342	F	In herd	BLQ	BB													



#### New Report



											Bull 1	Fracker	Repo	rt										
					Anima	l Details							stry Det				€uro-Star Index (20/7/11)							
Jumbo:				523						Si	Sire's Sire:							ed		Index €93	Rel%	Across		
Official I				IE15121451	4523	Park Ted	ldy					Totum					***		Suckler Beef Value	XXXX				
Date of	Birtn:	-		02-Apr-06						Sir	re's Dam:	IE151521520					Beef Value  ★★ Weanling Export -€8 3% ★★★★							
Breed: Herdboo	de,	-	_	LM (100%)	aictored					IE123654	705/175	Bighill Mary	EI				****		Weanling Export	-€8 €57	10%	***		
Heraboo	ok:			Pedigree Ro Kilkenny M	•					Bighill Ton							***	<u>*                                      </u>	Beef Carcass		10%			
Progeny	•		_	168 (70% Co			hred)			DISTIII 1 OI	ika								Replaceme	nt Value				
Current		s:	_	Dead - 13-0						IE151214	524587						****	*	Daughter Fertility	-€11	6%	****		
				Own	Perfor	mance l	Details			Park Sallie							****	*	Daughter Milk	€64	5%	***		
Calvin	g Diffi	icult	y		Docility		Growth		Carcass	Da	m's Sire:	SAU							Other Key					
	Day 1					6 Months		16 Months	48 Months	Do	S						***		Calving Diff %	5.63%	49%	***		
	nal Cal	_	_	Excellent	Quiet	300 Kgs	500 Kgs	600 Kgs	440 Kgs	Dai	Dam's Dam:		321				****	<u>*                                      </u>	Gestation Length	7.28 Day(s)	4%	***		
Birth	Wt: 45	Kgs'	<u> </u>				1.2 Kgs/Day		U1			Park Julie			_		***		Docility	0.10	25%			
						Summar	y of All Pr	ogeny Red	cords in the	e ICBF Database (20/07/11)							Summary of Progeny Records used in €uro-Stars (20/07/11)  1. Recorded in a group of at least 5 other animals over a two month period.							
	Pr	roge	ny			Calving		Wei	ghing	Carcass Daughters										a two month	n period.			
							Difficult	Progeny / A	g. Daily Gain	1	Progeny Avg. Age Avg.						Be within certain Biological limits for age & weight.     Show variation across data recorded for that trait in the herd.     Be recorded individually e.g. Mart Weights							
Year of Birth	Ca	alves	•	Herds	Calving Surveys		Calving or Vet Assisted	6 - 12 Mths	12 - 24 Mths	Progeny (B=Bulls, S=Steers, F=Females)	Age at Slaughter (Months)	Avg. Carcass Weight, Conf & Fat	Nbr of Daughters Calved	of First Calvers (Months)	Calving Interval	Avg. Daily Gain of Daughters Progeny	Evaluation Run	Calving Difficulty	Weaning Weights	Carcass Weight	Maternal Calving Difficulty	Maternal Weaning Weight		
	Total	_	_																					
2011	42	20	_	1	42	2	1		15/0.9 Kg/Day								Aug 2011	160	18	20	5	4		
2010	43	21	-	1	43	3	0	10/1.2 Kg/Day	22/1.0 Kg/Day								Apr 2011	135	12	7	3	3		
2009	43	22	_	2	43	1	0	-	-	2B,5S, 2F	24	463Kgs/ U1	10	28		15/1.1 Kg/Day	Dec 2010	120	11	7	2	2		
2008	40	20	_	1	40	1	0	13/1.2 Kg/Day	, . ,	5B,5F	23	470Kgs/ R	13	27		10/1.2 Kg/Day	Aug 2010	90	10					
Total						<b>50/1.2</b> Kg/Day	7B,5S,7F 23 466 Kgs/R 23 27 400 Days 25/1.1 kg/Day Average Breed % in Dam's of Calves						Day   April 2010   46											
C =	Comments  mments: Park Teddy has good temperament and is out of a very milky dam.								1			s SI	Other	Please no	te that €ur	o-Star Values are	<u>not</u> solely	based on	the above data.					
	, , ,						AA 5%	BA 5%	BB 5%	CH 15%	FR 30%	5%	Other 30%	Performance records from relatives of this bull also affect his €uro-Star					t his €uro-Stars					
ASSUME	med Birthweight: 45 Kgs for Males. 40Kgs for Females.							5%	5%	5%	15%	30%	5%	3U%										

- Bull Tracker Report
- Will allow a Pedigree Breeders track how their bulls have done.

#### **Bull Tracker Report Index**

#### **Current Stockbulls**

Bulls which are currently in your herd and which have been registered as the sire of at least 1 calf

Bull Details							Total	Number of Calves Born										D	
Tag	Name	DOB	Breed	Sire	Dam	Calves	Herds	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	Page
IE123758493847	Coragh Neptune	02-May-06	100% LM	MUC	654	114	1	31	30	28	25								1
IE123758493847	Newby Jim	01-May-02	100% BB	VDC	235	184	3	15	20	25	35	32	22	17	18				2

#### **Past Stockbulls**

Bulls which were in your herd and which have been registered as the sire of at least 1 calf

	Total	Total	Number of Calves Born											Dogo					
Tag	Name	DOB	Breed	Sire	Dam	Calves	Herds	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	Page
IE123758493847	Uppy Tom	02-May-04	100% LM	56871	589	107	1	6	17	25	24	20	15						3
IE123758412345	Newhill Bill	03-May-03	100% SI	HKG	457	17	1			7	4	4	2						4
IE123758445432	C T Max ET	04-May-02	100% AA	LWF	568	358	2		55	51	51	52	50	50	49				5
IE123758494321	Stonehead T ET	05-May-99	100% BA	25698	895	144	1				17	21	22	22	19	21	22		6
IE123758499995	Thunder Gulch	06-May-98	100% HE	RCE	256	56	1								23	21	7	5	7

#### **Bulls Sold for Breeding**

Bulls that were born in or bought into your herd who sired no calves in your herd but have sired calves in other herds

	Bull Details									Number of Calves Born									
Tag	Name	DOB	Breed	Sire	Dam	Calves	Herds	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	Page
IE123758493135	Coragh T 135	02-Jun-09	100% LM	MUC	123	15	1	15											8
IE123758493137	Coragh T 137	03-May-09	100% LM	ROX	225	13	1	13											9
IE123758493140	Coragh T 140	04-Apr-09	100% LM	DAU	304	2	1	2											10
IE123758493150	Coragh T 150	05-Mar-09	100% LM	REQ	211	7	1	7											11
IE123758493165	Coragh U 165	06-Jun-08	100% LM	50241	304	47	1	25	22										12
IE123758493169	Coragh U 169	07-May-08	100% LM	MUC	225	45	1	23	22										13
IE123758493172	Coragh U 172	08-Apr-08	100% LM	TON	546	16	1	8	8										14
CWZ	Coragh W 180	09-Jun-07	100% LM	HTA	256	1012	256	554	325	133									15
IE123758493185	Coragh W 185	10-May-07	100% LM	HTA	225	102	2	33	35	34									16
IE123758493190	Coragh W 190	11-Apr-07	100% LM	12569	235	7	1	2	3	2									17
IE123758493195	Coragh W 195	12-Mar-07	100% LM	JEU	546	17	1	0	15	2									18
IE123758493199	Coragh X 199	13-May-06	100% LM	ВНН	256	181	1	44	45	46	46								19
IE123758493201	Coragh X 201	14-Apr-06	100% LM	LTG	225	174	3	42	44	43	45								20