

# ICBF Active Dairy Bull List – Autumn 2010

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## Guide to reading the Table.

- 1) **Bull Details;** Rank, AI Code, Name, Sire, Main Breed, Herdbook Status, Holstein %.
- 2) **EBI & Proof Details;** EBI, Economic Breeding Index (€); Indicates expected profit/lactation for a bull's progeny compared to an average animal. **Rel%**; Reliability of EBI proof. This indicates the reliability of the proof. The higher this value, the more reliable the proof. **Proof Source;** 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.
- 3) **EBI Sub Indices; Milk, Fertility, Calving, Beef, Maintenance & Health;** Sub Indices of the overall EBI. Added together these give the overall EBI figure. The 'Maintenance' Sub-Index (Maint) was a new development in 2010. Positive values for a Bull indicates lower maintenance costs for his daughters.
- 4) **Key Profit Traits; M Kg** Predicted Difference (PD) for milk yield. Bulls with + values for milk yield will increase milk yield. Positive values for **F Kg** (Fat Kg), **P Kg** (Protein Kg), **F %** (Fat %), **P %** (Protein %) will also increase each of the constituent traits. **Calv Int** = Calving Interval (Days). Bulls with negative values for CI will reduce calving interval. **Surv** = Survival %. Bulls with positive values will increase survival (longevity/herdlife).
- 5) **Calving; Calv Diff;** Calving Difficulty . Increasing % CD indicates increased incidence of difficult calvings e.g. % CD of 5% means that 5% of this Bulls calves will result in difficult calvings. **Gest;** Gestation Length PD. Positive values indicates increased gestation length. **Loc;** Locomotion. Bulls with positive values are better for this type trait.
- 6) **Semen Details;** Price, availability and supplier details of each bull are also included. This ensures that only bulls with at least 2000 straws available are included on the list. **L** = 2000-4000 straws available. **M** = 4000 – 6000, **H** = >6000 straws available. These details are provided by each AI Company for their own Bulls.

## Autumn Active Bull List 2010

### Introduction

The EBI details of the 75 bulls on the list is based on the August 2010 genetic evaluations computed by ICBF. The list contains Bulls whose semen is available and they themselves are;

1. Daughter proven, (Irish & international) where the EBI reliability is  $\geq 35\%$ .
2. Genomically selected bulls, where the bulls have an EBI based on Irish genomic data, an EBI reliability of  $\geq 35\%$  and a calving difficulty evaluation in the country of 1<sup>st</sup> origin of  $\geq 50\%$ .

The 75 Bulls have breeding values for EBI and the 6 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 Pedigree Status of each bull is also shown on the list.

### New Number 1 Bull

For the first time ever – the number one Dairy Bull ranked on EBI is an Irish bred Bull (see table 1). Morrisheen OJI Frank (MJI) is the new number one Bull on the ICBF Dairy Active Bull List – Autumn 2010 with an EBI of €258. He was bred by Denis Downing, Ballymorisheen, Grenagh, Co.Cork. He was sired by the great O-Bee Manfred Justice (OJI) who has been retired from Semen Production. He had held onto the number one spot since the Active Bull list of Autumn 2007. The dam of 'MJI' is a daughter of 'Spektrum Pigeonwood Red 2', was 9 years old last April and is still alive having just had her 9<sup>th</sup> calf.

<b>Year</b>	<b>Bull</b>	<b>Country</b>
<b>Autumn 2010</b>	Morisheen OJI Frank	Ireland
<b>Spring 2010</b>	O-Bee Manfred Justice	USA
<b>2009</b>	O-Bee Manfred Justice	USA
<b>2008</b>	O-Bee Manfred Justice	USA
<b>2007</b>	RUU - Ruud	Holland
<b>2006</b>	RUU - Ruud	Holland
<b>2005</b>	UYC - Collins Royal Hugo	New Zealand
<b>2004</b>	AXA - Galtee Alex 129	Holland
<b>2003</b>	CIK - Cogent Merrick	GBR
<b>2002</b>	NHS - Newhouse Sjoerd	Holland
<b>2001</b>	JNM - Janze Moun	France

Table 1: Number 1 Bulls on EBI (2001-2010)

### **Availability of List**

The 2010 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. ICBF have recently developed a new Active Bull Management Web application for AI Companies so as they can constantly update the price and availability details of their bulls as they change. ICBF has also developed a new web based AI Code application system which now allows AI Codes to be applied for online.