## Irish Cattle Breeding Federation Society Limited (ICBF) Weekly Update 16th May 2008 Page 1 of 4

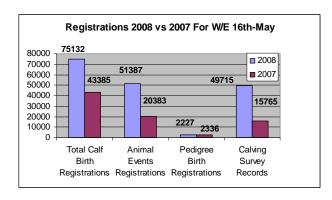


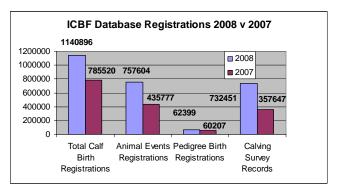
#### UPDATE - for period 10<sup>th</sup> - 16<sup>th</sup> May 2008

#### 1 Important Dates

- 16<sup>th</sup> to 20<sup>th</sup> June ICAR and Interbull meetings, Niagara Falls, USA.
- 20<sup>th</sup> June Farmfest '08, Teagasc Major Event of the Year, Athenry.
- 4 17<sup>th</sup> July, 10:30am ICBF Board Meeting, Comfort Inn Portlaoise.
- 9<sup>th</sup> to 11<sup>th</sup> October World Holstein Friesian Conference hosted by Ireland at Killarney & Millstreet. For details see www.ihfa.ie.
- **↓** 11<sup>th</sup> and 12<sup>th</sup> October International Beef Expo being hosted in Ireland at Kilkenny Mart.

#### 2 Database Update





- ₹ 243,271 inseminations have been received so far in 2008, compared with 169,832 in 2007 for the same period. Work is continuing on ensuring that the replications are operating at a satisfactory speed during peak times, and that all serves are returned to the database on a daily basis.
- Over 350,000 birth registrations from <u>new</u> Animal Events users have been received as part of the Suckler Scheme.
- ♣ The first of the 'Pre-Weaning' forms went out this week, and the sire error forms continue to be processed.
- Work has been completed on the latest Genetic Evaluation run, and work on generating the various reports farmers is on-going.
- The microwave broadband solution, implemented for the member organisations, continues to operate satisfactorily.

#### 3 Tully

- A total of 165 applications have been received for the next intake to Tully. The final list has been sent to Nass DVO for TB and brucellosis clearance.
- ♣ Bull Inspections will take place from the 20<sup>th</sup> May 2008.
- ♣ Health testing will take place from the 30<sup>th</sup> May 2008

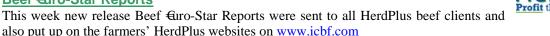


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#### 4 HerdPlus

#### **Beef €uro-Star Reports**





#### What is in this report?

This report gives the Beef €uro-Star figures for all of the Beef animals in the herd. The report includes;

- 1. Overall €uro-Star Summary for Pedigree & Commercial Animals.
- 2. Individual Animal €uro-Star profile
- 3. Missing Sire section (for return to HerdPlus office).

#### What use can farmers make of the report?

The main aim of this report (similar to other Beef Herdplus reports) is to allow farmers:

- 1. **Make Better Breeding Decisions** tool to help you make your Selection & Culling decisions with the aid of extra information your €urostar Report.
- e.g. Big powerful looking Heifer that you were going to retain in the herd as a replacement is sired by a Bull which has One Star for 'Milk & Fertility', should you keep her now?
- **2. Make Better Selection Decisions** the €uro-Star report shows you what the most up-to-date information on a particular animal is saying.
- e.g. Stockbull/AI Sire that you used & would be considering using again is now only One Star for 'Calving Difficulty' as new calving survey data has shown his bloodline to be more difficult calved than what was first thought.
- **3. Identify Strengths & Weaknesses in the Herd** The Herd Summary section shows how your herd's €uro-Star profile compares to other herds similar to yours.
- e.g. Your pedigree herd is in the top 10% of the breed for 'Weanling Export' Index however you are only at breed average for 'Milk & Fertility'.

We've attached three documents to this update to further explain the Suckler Beef Value and €uro-Stars.

- 1. SAMPLE €iro-Star Report
- 2. €iro-Star explained
- 3. Breed Percentiles gives the 1 to 5 star limits for each breed and for commercial animals/herds.

#### **Missing Sire Data**

ICBF can only put Suckler Beef Values and €uro-Stars on animals with known Sires. To help farmers correct any missing sire data we have enclosed a 'Missing Sire Report' which he can fill in and return in the freepost envelope provided. He can also access this report on our website <a href="www.icbf.com">www.icbf.com</a> by logging on with your username & password.

#### Beef Data Reliability

Behind every Suckler Beef € Value there is a % reliability figure. This is an indication of how much data we have on an animal – the more data, then the higher the % reliability. We are just at the starting post in building up the beef databank and we have along way to go. Please bear with us if the reliability on your animals is still quite low – we will continue to improve the data feeds from mart, factory, linear scoring/weighing and sire over the next year. Meantime if farmers have any queries or concerns they are encouraged to call us on our Herdplus no. 1850 600 900 and we will be glad to assist.



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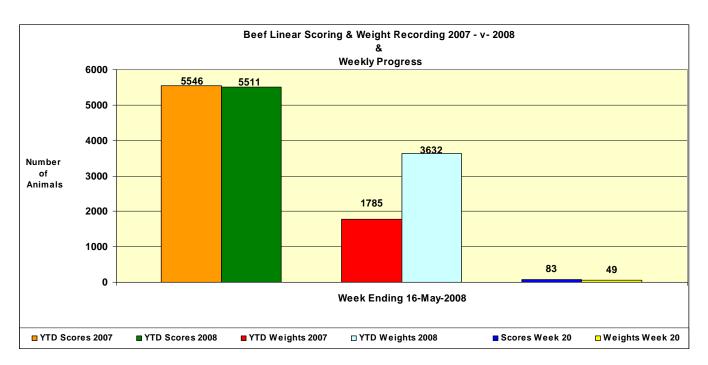


#### 5 Genetic Evaluations

- Supplementary files on the latest beef performance evaluation have been compiled and placed on the website under Genetic Evaluations, Beef Evaluation Results. Files available include: Latest Eurostar proofs for AI sires including individual trait information, progeny phenotypic performance and herd mate performance information for all traits in the SBV for AI sires, breed percentiles for individual animals.
- → Testing of the incorporation of foreign data directly into the beef performance evaluations is progressing well. Initial testing involved the incorporation of French EBVs and reliabilities for direct and maternal weaning weight for 3 breeds. Results will be presented at a proposed industry meeting in July.

#### 6 GROW – Linear Scoring & Weight Recording





#### 7 G€N€Ireland

- Dairy Spring 2008 There is approximately 24% of the total straws dispatched with a recorded insemination on the database.
- ♣ Dairy Autumn 2007 First round of payments for recorded inseminations will be made this coming week.
- 4 Autumn 2007 Participants of both the Dairy and Beef programmes are being contacted regarding getting their inseminations onto the database, specifically targeting herds with little or no records to date.
- Dairy Spring 2005 Work is underway to review the number of progeny test daughters that have calved down and are in milk recording, in preparation for the forthcoming Linear Inspections. Initial analysis is showing a 48% fall-out rate of daughters in milk recording compared with the number of female progeny still alive. Obvious reasons for this seem to be animals sold on to non-ICBF or non-milk recording herds, animals that haven't calved down or herds that don't seem to be milk recording.



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#### 8 Milk Recording

|                                   | National Milk Recording Statistics - Herds, Cows & EDIY 16/05/08 |                                   |                 |   |                                  |                |  |  |  |  |  |  |
|-----------------------------------|--|-----------------------------------|-----------------|---|----------------------------------|----------------|--|--|--|--|--|--|
| Milk<br>Recording<br>Organisation | Total Herds<br>Recorded<br>YTD 16/05/08                          | No. EDIY<br>Herds YTD<br>16/05/08 | % Herds<br>EDIY | Total No.<br>Cows<br>Recorded<br>YTD 16/05/08 | No. EDIY<br>Cows YTD<br>16/05/08 | % Cows<br>EDIY |  |  |  |  |  |  |
| Progressive                       | 2,077  | 764                               | 37%             | 147,289                                       | 51,292                           | 35%            |  |  |  |  |  |  |
| Dairygold                         | 1,476  | 470                               | 32%             | 93,780  | 30,494                           | 33%            |  |  |  |  |  |  |
| Kerry                             | 1,074  | 204                               | 19%             | 63,124  | 11,410                           | 18%            |  |  |  |  |  |  |
| SWS                               | 884  | 118                               | 13%             | 51,222  | 6,542                            | 13%            |  |  |  |  |  |  |
| Tipperary                         | 155  | 61                                | 39%             | 9,820   | 3,981                            | 41%            |  |  |  |  |  |  |
| Arrabawn                          | 158  | 131                               | 83%             | 10,530  | 8,832                            | 84%            |  |  |  |  |  |  |
| Connacht                          | 116  | 32                                | 28%             | 6,301   | 1,546                            | 25%            |  |  |  |  |  |  |
| Donegal                           | 11   | 11                                | 100%            | 1,851   | 1,851                            | 100%           |  |  |  |  |  |  |
| Total                             | 5,951  | 1,791                             | 30%             | 383,917                                       | 115,948                          | 30%            |  |  |  |  |  |  |

| Rece         | Recorded Cows by Milk Recording Organisation - Year on Year Comparison |                     |                     |  |  |  |  |  |  |  |  |
|--------------|--|---------------------|---------------------|--|--|--|--|--|--|--|--|
| Milk         | YTD 2006 Cows  | 2008 vs 2007 Year   |                     |  |  |  |  |  |  |  |  |
| Recording    | Recorded 01/01/06 -  | Recorded 01/01/07 - | Recorded 01/01/08 - | on Year Difference                             |  |  |  |  |  |  |  |
| Organisation | 16/05/06   | 16/05/07            | 16/05/08            | (%)  |  |  |  |  |  |  |  |
| Progressive  | 126,636  | 135,601             | 147,289             | 7.9%   |  |  |  |  |  |  |  |
| Dairygold    | 83,765   | 89,916              | 93,780              | 4.1%   |  |  |  |  |  |  |  |
| Kerry        | 58,858   | 59,189              | 63,124              | 6.2%   |  |  |  |  |  |  |  |
| SWS          | 49,328   | 51,685              | 51,222              | -0.9%  |  |  |  |  |  |  |  |
| Tipperary    | 9,023  | 10,092              | 9,820               | -2.8%  |  |  |  |  |  |  |  |
| Arrabawn     | 7,884  | 9,754               | 10,530              | 7.4%   |  |  |  |  |  |  |  |
| Connacht     | 5,936  | 7,524               | 6,301               | -19.4% "Connacht Gold Lab file transfer delay" |  |  |  |  |  |  |  |
| Donegal      | 1,638  | 2,296               | 1,851               | -24.0%   |  |  |  |  |  |  |  |
| Total        | 343,068  | 366,057             | 383,917             | 4.7%   |  |  |  |  |  |  |  |

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## **€uro-Star Herd Report** Limousin

LoCall 1850 600 900

| Herd Owner:     | SAMPLE     |
|-----------------|------------|
| Herd Number:    | IE1234567  |
| Data Extracted: | 05/08/2007 |
| Page.           | 1(2)       |

#### 1. Beef €uro-Star Herd Summary - Cows

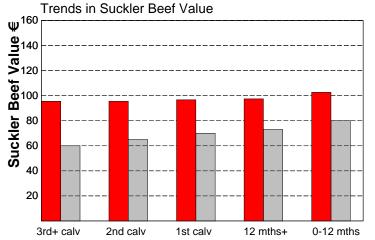
Average beef €uro-Star values for pedigree Limousin cows on your farm. Only animals with a sire are included in the report.

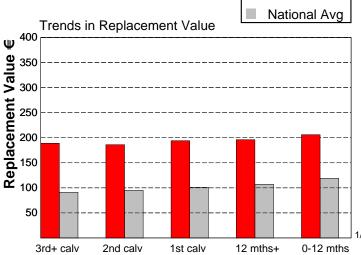
|              |     |                              |                               |                            | ler Beef \\ Reliability % |                           |                          |                           |                  |                    |
|--------------|-----|------------------------------|-------------------------------|----------------------------|---------------------------|---------------------------|--------------------------|---------------------------|------------------|--------------------|
| Breed        | _   | Beef<br>Value                |                               |                            | Replacement<br>Value      |                           | ,                        | al                        |                  |                    |
| Group        | No. | Calving<br>Traits<br>(Rel %) | Weanling<br>Export<br>(Rel %) | Beef<br>Carcass<br>(Rel %) | $  \downarrow  $          | Milk<br>& Fert<br>(Rel %) | Calf<br>Value<br>(Rel %) | Calv<br>Diff %<br>(Rel %) | Docility (Rel %) | Muscle<br>Skeletal |
|              |     | Within Breed<br>Across Breed | Within<br>Across              | Within<br>Across           | Within<br>Across          | Within<br>Across          | Within<br>Across         | Within<br>Across          | Within<br>Across | Functionality      |
| New Bull     | 1   | -€4                          | €55                           | €81                        | €128                      | €113                      | €205                     | 6.3                       |                  |                    |
|              |     | (32%)                        | (37%)                         | (35%)                      | (38%)                     | (25%)                     | (36%)                    |                           |                  |                    |
|              |     | ****                         | ***                           | ****                       | ****                      | ****                      | ****                     | **                        |                  |                    |
|              |     | ***                          | *                             | ****                       | ****                      | ****                      | ****                     | ***                       |                  |                    |
| 1st calving  | 9   | -€8                          | €59                           | €80                        | €97                       | €20                       | €174                     | 6.4                       |                  |                    |
|              |     | (24%)                        | (27%)                         | (25%)                      | (24%)                     | (15%)                     | (26%)                    |                           |                  |                    |
|              |     | **                           | ***                           | ****                       | ****                      | ***                       | ****                     | **                        |                  |                    |
|              |     | ***                          | ***                           | ****                       | ****                      | ***                       | ****                     | ***                       |                  |                    |
| 2nd calving  | 4   | -€8                          | €61                           | €80                        | €95                       | €10                       | €176                     | 6.7                       |                  |                    |
|              |     | (23%)                        | (28%)                         | (25%)                      | (24%)                     | (16%)                     | (26%)                    |                           |                  |                    |
|              |     | **                           | ****                          | ****                       | ****                      | **                        | ****                     | **                        |                  |                    |
|              |     | ***                          | ***                           | ****                       | ****                      | ***                       | ****                     | ***                       |                  |                    |
| 3rd calving+ | 9   | -€6                          | €59                           | €78                        | €96                       | €14                       | €176                     | 6                         |                  |                    |
|              |     | (20%)                        | (27%)                         | (25%)                      | (22%)                     | (15%)                     | (25%)                    |                           |                  |                    |
|              |     | ***                          | ***                           | ****                       | ****                      | ***                       | ****                     | ***                       |                  |                    |
|              |     | ***                          | ***                           | ***                        | ****                      | ***                       | ***                      | ***                       |                  |                    |

## 2. Beef €uro-Star Herd Summary - Female Young-stock. Average beef €uro-Star values for pedigree Limousin young-stock on your

| Average beer Euro | -Stai Value | s ioi pedigree | Limousiii young-s | lock on your lai | 111.  |       |       |     |  |
|-------------------|-------------|----------------|-------------------|------------------|-------|-------|-------|-----|--|
| 0-12 months       | 10          | -€7            | €62               | €78              | €97   | €24   | €172  | 6.2 |  |
|                   |             | (30%)          | (27%)             | (25%)            | (27%) | (14%) | (26%) |     |  |
|                   |             | ***            | ****              | ****             | ****  | ****  | ****  | **  |  |
|                   |             | ***            | ***               | ***              | ****  | ***   | ****  | *** |  |
| >12 months        | 9           | -€7            | €68               | €81              | €103  | €24   | €182  | 6.7 |  |
|                   |             | (29%)          | (29%)             | (29%)            | (28%) | (17%) | (29%) |     |  |
|                   |             | ***            | ****              | ****             | ****  | ****  | ****  | **  |  |
|                   |             | ***            | ***               | ****             | ****  | ***   | ****  | *** |  |







Your herd



# **€**uro-Star Animal Report Limousin

LoCall 1850 600 900

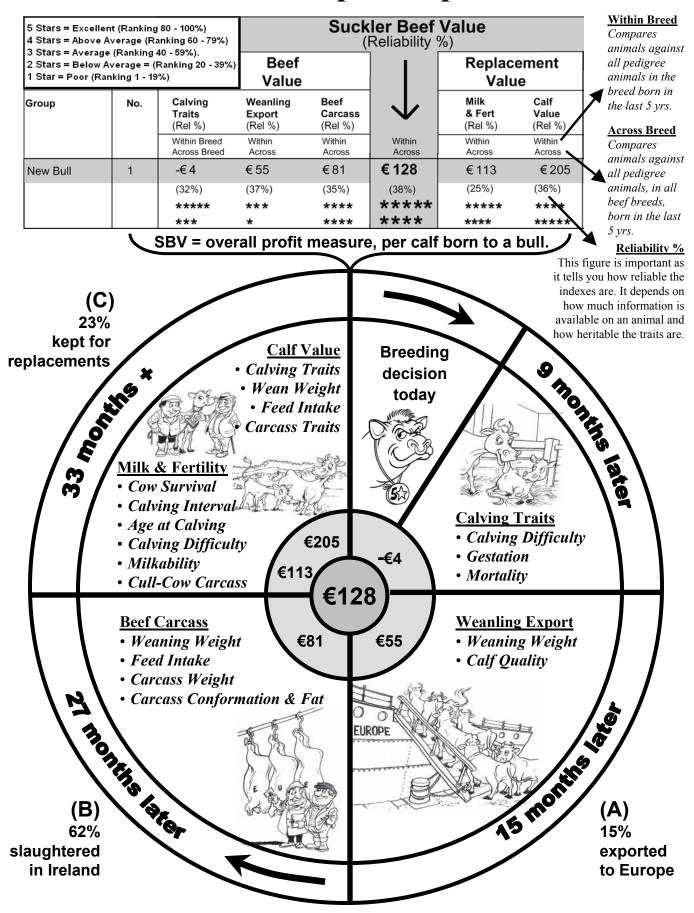
Herd Owner: SAMPLE

Herd No: IE1234567 Data Extracted: 05/08/2007

Page: 2(2)

|                           |                         | Suckler Beef Value<br>(Reliability %) |                               |                            |                  |                           |                            |  |                    |  |  |  |
|---------------------------|-------------------------|---------------------------------------|-------------------------------|----------------------------|------------------|---------------------------|----------------------------|--|--------------------|--|--|--|
| 1. Limousin               | Cows                    | Beef<br>Value                         |                               |                            |                  | Replac<br>Val             | cement<br>ue               | Addit<br>Trai                              |                    |  |  |  |
| Jumbo ID<br>Animal tag    | DOB<br>Dam ID           | Calving<br>Traits<br>(Rel %)          | Weanling<br>Export<br>(Rel %) | Beef<br>Carcass<br>(Rel %) | $  \downarrow  $ | Milk<br>& Fert<br>(Rel %) | Calf<br>Quality<br>(Rel %) | Calv Docility<br>Diff %<br>(Rel %) (Rel %) | Muscle<br>Skeletal |  |  |  |
| Animal name               | Sire ID<br>Mat GSire ID | Within Breed<br>Across Breeds         | Within<br>Across              | Within<br>Across           | Within Across    | Within<br>Across          | Within<br>Across           | Within Within Across Across                | Functionality      |  |  |  |
| 41F                       | 09/06/97                | -€4                                   | €59                           | €78                        | €104             | €26                       | €190                       | 4.8  |                    |  |  |  |
| IEDSHB0041F               | CEF003                  | (2%)                                  | (16%)                         | (17%)                      | (9%)             | (3%)                      | (15%)                      |  |                    |  |  |  |
| C MELANIE                 | 8791005412              | ***                                   | ***                           | ***                        | ****             | ****                      | ****                       | ****                                       |                    |  |  |  |
| LM (100%)                 | RKT                     | ****                                  | ***                           | ***                        | ****             | ****                      | ****                       | ****                                       |                    |  |  |  |
| 103                       | 26/03/00                | -€7                                   | €55                           | €66                        | €78              | €3                        | €144                       | 6.9  |                    |  |  |  |
| IE341208880103            | VHB324406               | (17%)                                 | (27%)                         | (25%)                      | (21%)            | (14%)                     | (25%)                      |  |                    |  |  |  |
| C RACHEL                  | ESP                     | ***                                   | ***                           | ***                        | ***              | **                        | ***                        | **   |                    |  |  |  |
| LM (100%)                 | 8791005412              | ***                                   | ***                           | ***                        | ***              | ***                       | ***                        | ***  |                    |  |  |  |
| 124                       | 22/02/01                | -€6                                   | €44                           | €78                        | €90              | €9                        | €163                       | 5.8  |                    |  |  |  |
| IE341208840124            | IEDSHB0066N             | (29%)                                 | (31%)                         | (31%)                      | (30%)            | (22%)                     | (31%)                      |  |                    |  |  |  |
| C SOBRIETY                | TON                     | ***                                   | *                             | ****                       | ****             | **                        | ****                       | ***  |                    |  |  |  |
| LM (100%)                 | HZA325419               | ***                                   | **                            | ***                        | ****             | ***                       | ***                        | ***  |                    |  |  |  |
| 125                       | 07/04/01                | -€7                                   | €86                           | €77                        | €104             | €30                       | €184                       | 6.2  |                    |  |  |  |
| IE341208850125            | IEDSHB0021M             | (22%)                                 | (28%)                         | (25%)                      | (24%)            | (15%)                     | (26%)                      |  |                    |  |  |  |
| C SABRINA                 | GNI                     | **                                    | ****                          | ****                       | ****             | ****                      | ****                       | **   |                    |  |  |  |
| LM (100%)                 | VCN                     | ***                                   | ****                          | ***                        | ****             | ****                      | ****                       | ***  |                    |  |  |  |
| 136                       | 10/08/01                | -€12                                  | €53                           | €66                        | €69              | €11                       | €118                       | 8.8  |                    |  |  |  |
| IE341208880136            | VCB996757               | (17%)                                 | (26%)                         | (24%)                      | (20%)            | (11%)                     | (24%)                      |  |                    |  |  |  |
| C SERENA                  | JNT                     | *                                     | **                            | ***                        | **               | **<br>***                 | **                         | *  |                    |  |  |  |
| LM (100%)                 | 8791005412              | **                                    |                               | ***                        |                  |                           | **                         |  |                    |  |  |  |
| 137                       | 22/08/01                | -€4                                   | €59                           | €79                        | €98              | -€2                       | €189                       | 4.6  |                    |  |  |  |
| IE341208890137            | IEDSHB0004M             | (23%)                                 | (29%)                         | (25%)                      | (24%)            | (20%)                     | (26%)                      | de de de de de                             |                    |  |  |  |
| C SENSATION               | GTA                     | ****                                  | ***                           | ****<br>****               | ****             | *<br>***                  | ****                       | ****                                       |                    |  |  |  |
| LM (100%)                 | DAU                     |                                       |                               |                            |                  |                           |                            |  |                    |  |  |  |
| 146                       | 11/02/02                | -€7                                   | €66                           | €77                        | €93              | €3                        | €176                       | 7.2  |                    |  |  |  |
| IE341208810146<br>C TIGGY | LUTG026                 | (17%)<br>***                          | (28%)<br>****                 | (26%)<br>***               | (22%)<br>****    | (14%)<br><b>**</b>        | (26%)<br>***               | **   |                    |  |  |  |
|                           | ESP<br>RAE              | ***                                   | ****                          | ***                        | ****             | ***                       | ****                       | ***  |                    |  |  |  |
| LM (100%)<br>164          | 16/09/02                | -€7                                   | €56                           | €74                        | €86              | €6                        | €156                       | 5.6  |                    |  |  |  |
| IE341208830164            | IE341208890087          | (36%)                                 | (31%)                         | (28%)                      | (32%)            | (28%)                     | (30%)                      | 3.0  |                    |  |  |  |
| C TANYA                   | DAU                     | ***                                   | ***                           | (20 <i>7</i> 0)            | ***              | **                        | ***                        | ***  |                    |  |  |  |
| LM (100%)                 | HGR                     | ***                                   | ***                           | ***                        | ***              | ***                       | ***                        | ****                                       |                    |  |  |  |
| 165                       | 17/09/02                | -€8                                   | €61                           | €91                        | €104             | -€14                      | €210                       | 5.5  |                    |  |  |  |
| IE341208840165            | IEDSHB0067L             | (24%)                                 | (29%)                         | (27%)                      | (26%)            | (21%)                     | (28%)                      |  |                    |  |  |  |
| C TULIP                   | DAU                     | **                                    | ***                           | ****                       | ****             | *                         | ****                       | ***  |                    |  |  |  |
| LM (100%)                 | HZA325419               | ***                                   | ***                           | ****                       | ****             | **                        | ****                       | ****                                       |                    |  |  |  |
| 170                       | 10/01/03                | -€1                                   | €48                           | €77                        | €98              | €6                        | €185                       | 4.3  |                    |  |  |  |
| IE341208810170            | IEDSHB0064S             | (23%)                                 | (28%)                         | (24%)                      | (24%)            | (18%)                     | (25%)                      |  |                    |  |  |  |
| C URSULA                  | FGN                     | ****                                  | **                            | ***                        | ****             | **                        | ****                       | ****                                       |                    |  |  |  |
|                           |                         |                                       |                               |                            |                  |                           |                            |  |                    |  |  |  |

## **€uro-Star Report Explained**

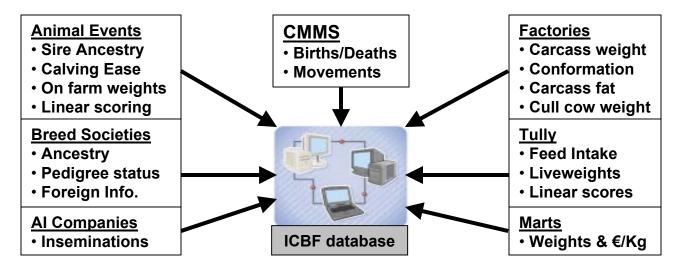


Suckler Beef Value (SBV) =

((**A**+**B**) \* Calving Traits) + (**A** \* Weanling Export) + (**B** \* Beef Carcass) + (**C** \* (Milk & Fertility + Calf Value))

New Bull above:  $\mathbf{\epsilon} \mathbf{128} = ((0.15 + 0.62) * - \mathbf{\epsilon} 4) + (0.15 * \mathbf{\epsilon} 55) + (0.62 * \mathbf{\epsilon} 81) + (0.23 * (\mathbf{\epsilon} 113 + \mathbf{\epsilon} 205))$ 

### Sources of Information & Explanation of €uro-Star Report



#### **Suckler Beef Value (SBV)**

The SBV is made up of five profit indexes. The first three indexes, Calving Traits, Weanling Export & Beef Carcass, fall under the heading of **Beef Value** while Milk & Fertility and Calf Value make up the **Replacement Value**. SBV is therefore a combination of Beef Value and Replacement Value.

The three indexes under Beef Value should be used by Suckler farmers interested in buying a bull to produce cattle which are destined entirely for meat production (slaughter or export).

Alternatively, a farmer who is interested in keeping some replacements from the bull, should look at the Replacement Value. However the male calves and surplus females will contribute to farm profit before a replacement heifer from the bull comes into the herd. Therefore the SBV which gives an overall profit measure, per calf born to the bull, should also be acknowledged.

**Calving Traits Index -** An index of interest to all farmers, as it puts a direct cost on losses at calving time. It takes into account calving difficulty, gestation length and mortality. Bulls with a 1-Star for Calving Traits have a much higher likelihood of calving problems and subsequent losses at birth compared to a 5-Star bull.

Weanling Export Index - Suckler farmers who focus on selling their weanlings for export should look for bulls which score highly on this index. Emphasis in this index is based on mart calf quality and weaning weight. A bull with a Weanling Export value of €100 should result in progeny leaving €90 more profit/weanling if sold for export compared to progeny of a bull with a Weanling Export value of €10.

**Beef Carcass Index** - This index gives an indication of the potential of a bull to produce progeny with high value carcasses for slaughter in Ireland. Suckler farmers who are finishing cattle should focus strongly on this index. Bulls producing progeny with high carcass weights, good carcass conformation and good lifetime feed efficiency will score high on this index. A bull with a Beef Carcass value of  $\in 100$  should result in progeny leaving  $\in 90$  more profit/head at slaughter compared to progeny of a bull with a Beef Carcass value of  $\in 10$ .

Replacement Value

The two indexes below should be used where a suckler farmer is buying a bull with a view to keeping the females as replacements. Ideally a farmer should look for a good balance between these two indexes.

Milk & Fertility Index - Combines traits such as Calving Ease, Milk, Calving Interval, Survival & Cull Cow value. Focusing on this index should result in easy-care, long-living cows. Calf Value Index - Traits included are calving, weaning weight, feed intake and carcass characteristics. Focusing on this index should result in more profitable calves from these replacement daughters.

# **Beef Value**



#### Table 1. Breed Summaries of €uro-Star Indexes (Animals born since 1st January 2003)

#### **ANIMAL SUMMARY**

| Breed Percentiles May 2008 |                        |         |         |         |      |         |         |         |        |        |
|----------------------------|------------------------|---------|---------|---------|------|---------|---------|---------|--------|--------|
| Breed                      | Index/trait            | Records | Btm 20% | Btm 40% | Mean | Top 40% | Top 20% | Top 10% | Top 5% | Top 1% |
|                            | SUCKLER BEEF VALUE (€) | 134,703 | €31     | €62     | €73  | €82     | €102    | €115    | €125   | €144   |
| All Pedigree               | CALVING TRAITS (€)     | 134,740 | -€13    | -€8     | -€6  | -€3     | €3      | €7      | €9     | €11    |
|                            | WEANLING EXPORT (€)    | 134,757 | €22     | €43     | €49  | €54     | €68     | €77     | €83    | €94    |
|                            | BEEF CARCASS (€)       | 134,757 | €6      | €56     | €66  | €74     | €94     | €108    | €118   | €134   |
|                            | MILK & FERTILTY (€)    | 134,687 | -€50    | -€11    | €4   | €20     | €73     | €96     | €115   | €142   |
|                            | CALF VALUE (€)         | 134,732 | €31     | €113    | €137 | €157    | €201    | €234    | €261   | €305   |
| Angus                      | SUCKLER BEEF VALUE (€) | 16,449  | €7      | €17     | €21  | €26     | €37     | €44     | €51    | €65    |
|                            | CALVING TRAITS (€)     | 16,454  | €6      | €8      | €8   | €9      | €10     | €11     | €12    | €14    |
|                            | WEANLING EXPORT (€)    | 16,450  | €0      | €6      | €8   | €10     | €16     | €20     | €24    | €32    |
|                            | BEEF CARCASS (€)       | 16,450  | -€15    | -€9     | -€6  | -€3     | €4      | €9      | €13    | €23    |
|                            | MILK & FERTILTY (€)    | 16,447  | €47     | €60     | €66  | €71     | €83     | €92     | €100   | €118   |
|                            | CALF VALUE (€)         | 16,449  | -€14    | €4      | €13  | €22     | €42     | €57     | €70    | €97    |
| Aubrac                     | SUCKLER BEEF VALUE (€) | 1,845   | €24     | €34     | €39  | €43     | €56     | €65     | €73    | €88    |
|                            | CALVING TRAITS (€)     | 1,850   | €2      | €3      | €4   | €4      | €5      | €6      | €7     | €9     |
|                            | WEANLING EXPORT (€)    | 1,850   | €30     | €35     | €37  | €40     | €46     | €50     | €54    | €64    |
|                            | BEEF CARCASS (€)       | 1,850   | €12     | €18     | €21  | €25     | €33     | €40     | €45    | €56    |
|                            | MILK & FERTILTY (€)    | 1,845   | -€3     | €6      | €9   | €13     | €22     | €30     | €37    | €60    |
|                            | CALF VALUE (€)         | 1,850   | €37     | €55     | €64  | €74     | €97     | €118    | €134   | €165   |
| Belgian Blue               | SUCKLER BEEF VALUE (€) | 1,658   | €37     | €55     | €61  | €68     | €83     | €92     | €101   | €113   |
|                            | CALVING TRAITS (€)     | 1,660   | -€22    | -€17    | -€14 | -€12    | -€6     | -€4     | -€1    | €6     |
|                            | WEANLING EXPORT (€)    | 1,661   | €64     | €74     | €78  | €81     | €90     | €96     | €101   | €109   |
|                            | BEEF CARCASS (€)       | 1,661   | €61     | €75     | €81  | €86     | €97     | €105    | €111   | €122   |
|                            | MILK & FERTILTY (€)    | 1,657   | -€118   | -€102   | -€94 | -€86    | -€65    | -€55    | -€41   | -€24   |
|                            | CALF VALUE (€)         | 1,659   | €94     | €128    | €142 | €156    | €186    | €208    | €224   | €269   |
| Blonde Aquitaine           | SUCKLER BEEF VALUE (€) | 1,599   | €38     | €50     | €56  | €61     | €76     | €87     | €97    | €109   |
|                            | CALVING TRAITS (€)     | 1,600   | -€17    | -€13    | -€12 | -€10    | -€8     | -€7     | -€6    | -€3    |
|                            | WEANLING EXPORT (€)    | 1,602   | €49     | €54     | €56  | €58     | €63     | €67     | €72    | €78    |
|                            | BEEF CARCASS (€)       | 1,602   | €56     | €66     | €71  | €75     | €86     | €95     | €104   | €122   |
|                            | MILK & FERTILTY (€)    | 1,599   | -€85    | -€73    | -€68 | -€62    | -€48    | -€38    | -€30   | -€10   |
|                            | CALF VALUE (€)         | 1,600   | €89     | €114    | €125 | €136    | €164    | €188    | €208   | €237   |
| Charolais                  | SUCKLER BEEF VALUE (€) | 43,517  | €70     | €87     | €94  | €101    | €116    | €127    | €135   | €151   |
|                            | CALVING TRAITS (€)     | 43,525  | -€17    | -€14    | -€13 | -€12    | -€9     | -€8     | -€6    | -€3    |
|                            | WEANLING EXPORT (€)    | 43,529  | €57     | €66     | €69  | €73     | €80     | €86     | €90    | €99    |
|                            | BEEF CARCASS (€)       | 43,529  | €77     | €91     | €97  | €102    | €115    | €123    | €130   | €141   |
|                            | MILK & FERTILTY (€)    | 43,514  | -€78    | -€61    | -€53 | -€46    | -€29    | -€18    | -€8    | €9     |
|                            | CALF VALUE (€)         | 43,525  | €151    | €186    | €201 | €215    | €249    | €274    | €292   | €328   |
| Hereford                   | SUCKLER BEEF VALUE (€) | 13,267  | €13     | €22     | €26  | €31     | €41     | €49     | €55    | €65    |
|                            | CALVING TRAITS (€)     | 13,267  | -€1     | €1      | €2   | €2      | €4      | €5      | €6     | €8     |
|                            | WEANLING EXPORT (€)    | 13,269  | €17     | €21     | €22  | €24     | €28     | €31     | €34    | €40    |
|                            | BEEF CARCASS (€)       | 13,269  | -€8     | -€2     | €1   | €4      | €11     | €17     | €21    | €29    |
|                            | MILK & FERTILTY (€)    | 13,265  | €67     | €80     | €85  | €91     | €108    | €120    | €129   | €142   |
|                            | CALF VALUE (€)         | 13,267  | -€20    | -€1     | €7   | €16     | €37     | €54     | €67    | €90    |
| Limousin                   | SUCKLER BEEF VALUE (€) | 37,365  | €62     | €75     | €80  | €85     | €98     | €107    | €115   | €131   |
|                            | CALVING TRAITS (€)     | 37,372  | -€9     | -€6     | -€5  | -€4     | -€2     | -€1     | €1     | €3     |
|                            | WEANLING EXPORT (€)    | 37,378  | €39     | €45     | €48  | €51     | €57     | €62     | €66    | €75    |
|                            | BEEF CARCASS (€)       | 37,378  | €56     | €65     | €69  | €73     | €82     | €89     | €95    | €106   |
|                            | MILK & FERTILTY (€)    | 37,363  | -€15    | -€3     | €3   | €8      | €21     | €31     | €40    | €59    |
|                            | CALF VALUE (€)         | 37,372  | €112    | €138    | €149 | €159    | €182    | €201    | €218   | €252   |
| Parthenaise                | SUCKLER BEEF VALUE (€) | 560     | €17     | €25     | €28  | €33     | €45     | €56     | €74    | €93    |
|                            | CALVING TRAITS (€)     | 566     | €0      | €1      | €1   | €2      | €3      | €4      | €5     | €7     |
|                            | WEANLING EXPORT (€)    | 565     | €21     | €29     | €32  | €35     | €42     | €48     | €54    | €65    |
|                            | BEEF CARCASS (€)       | 565     | €8      | €13     | €16  | €19     | €27     | €34     | €53    | €77    |
|                            | MILK & FERTILTY (€)    | 560     | €1      | €8      | €11  | €14     | €24     | €30     | €41    | €61    |
|                            | CALF VALUE (€)         | 565     | €24     | €38     | €45  | €53     | €78     | €98     | €141   | €197   |

| Breed       | Index/trait            | Records | Btm 20% | Btm 40% | Mean | Top 40% | Top 20% | Top 10% | Top 5% | Top 1% |
|-------------|------------------------|---------|---------|---------|------|---------|---------|---------|--------|--------|
| Piedmontese | SUCKLER BEEF VALUE (€) | 583     | €21     | €29     | €31  | €34     | €42     | €50     | €59    | €71    |
|             | CALVING TRAITS (€)     | 584     | -€5     | -€2     | €0   | €0      | €2      | €3      | €4     | €6     |
|             | WEANLING EXPORT (€)    | 586     | €31     | €37     | €39  | €41     | €46     | €51     | €54    | €60    |
|             | BEEF CARCASS (€)       | 586     | €12     | €17     | €19  | €21     | €27     | €32     | €37    | €49    |
|             | MILK & FERTILTY (€)    | 583     | €13     | €23     | €27  | €30     | €38     | €44     | €49    | €60    |
|             | CALF VALUE (€)         | 584     | €23     | €34     | €39  | €45     | €61     | €77     | €96    | €121   |
| Saler       | SUCKLER BEEF VALUE (€) | 2,688   | €34     | €45     | €50  | €55     | €68     | €77     | €83    | €97    |
|             | CALVING TRAITS (€)     | 2,689   | €4      | €5      | €5   | €6      | €7      | €8      | €9     | €10    |
|             | WEANLING EXPORT (€)    | 2,690   | €27     | €32     | €34  | €36     | €40     | €44     | €48    | €55    |
|             | BEEF CARCASS (€)       | 2,690   | €18     | €25     | €28  | €31     | €41     | €47     | €52    | €62    |
|             | MILK & FERTILTY (€)    | 2,688   | -€3     | €6      | €10  | €14     | €26     | €35     | €44    | €59    |
|             | CALF VALUE (€)         | 2,689   | €58     | €78     | €87  | €97     | €125    | €142    | €158   | €188   |
| Shorthorn   | SUCKLER BEEF VALUE (€) | 3,972   | €1      | €9      | €12  | €15     | €23     | €27     | €32    | €44    |
|             | CALVING TRAITS (€)     | 3,972   | €1      | €3      | €4   | €4      | €5      | €6      | €7     | €9     |
|             | WEANLING EXPORT (€)    | 3,974   | €6      | €10     | €12  | €13     | €17     | €19     | €22    | €28    |
|             | BEEF CARCASS (€)       | 3,974   | -€18    | -€10    | -€8  | -€6     | -€1     | €3      | €6     | €14    |
|             | MILK & FERTILTY (€)    | 3,966   | €53     | €69     | €76  | €82     | €97     | €107    | €117   | €138   |
|             | CALF VALUE (€)         | 3,972   | -€40    | -€22    | -€14 | -€8     | €5      | €14     | €25    | €52    |
| Simmental   | SUCKLER BEEF VALUE (€) | 11,200  | €70     | €87     | €93  | €100    | €115    | €127    | €137   | €157   |
|             | CALVING TRAITS (€)     | 11,201  | -€11    | -€8     | -€7  | -€6     | -€4     | -€2     | -€1    | €1     |
|             | WEANLING EXPORT (€)    | 11,202  | €43     | €49     | €52  | €54     | €60     | €65     | €69    | €78    |
|             | BEEF CARCASS (€)       | 11,202  | €45     | €54     | €58  | €63     | €72     | €79     | €86    | €102   |
|             | MILK & FERTILTY (€)    | 11,200  | €80     | €100    | €108 | €115    | €131    | €143    | €151   | €171   |
|             | CALF VALUE (€)         | 11,200  | €91     | €120    | €132 | €145    | €174    | €197    | €219   | €268   |
| Commercial  | SUCKLER BEEF VALUE (€) | 54,346  | €14     | €33     | €41  | €48     | €65     | €78     | €88    | €110   |
| (Cows only) | CALVING TRAITS (€)     | 54,856  | -€6     | -€2     | -€1  | €1      | €5      | €8      | €10    | €14    |
|             | WEANLING EXPORT (€)    | 54,979  | €14     | €24     | €29  | €33     | €45     | €53     | €59    | €74    |
|             | BEEF CARCASS (€)       | 54,979  | -€1     | €24     | €31  | €37     | €52     | €64     | €75    | €95    |
|             | MILK & FERTILTY (€)    | 54,346  | -€25    | -€1     | €9   | €19     | €44     | €64     | €80    | €110   |
|             | CALF VALUE (€)         | 54,739  | €13     | €56     | €73  | €86     | €120    | €143    | €170   | €215   |

| Table 2. Summary of Herd €uro-Star Suckler Beef Values ** HERD SUMMARY |       |         |         |         |         |         |         |        |        |
|--|-------|---------|---------|---------|---------|---------|---------|--------|--------|
|  |       | 111     | ועם טטו | AIIAIVI | •       |         |         |        |        |
| Breeds   | Herds | Btm 20% | Btm 40% | Mean    | Top 40% | Top 20% | Top 10% | Top 5% | Top 1% |
| Angus  | 415   | €10     | €15     | €18     | €20     | €27     | €32     | €36    | €41    |
| Aubrac   | 37    | €31     | €35     | €38     | €39     | €40     | €44     | €45    | €47    |
| Belgian Blue   | 24    | €45     | €51     | €54     | €57     | €64     | €69     | €70    | €72    |
| Blonde Aquitaine   | 38    | €40     | €52     | €54     | €56     | €65     | €69     | €78    | €80    |
| Charolais  | 1004  | €64     | €76     | €80     | €85     | €95     | €101    | €105   | €117   |
| Hereford   | 247   | €17     | €21     | €24     | €26     | €32     | €36     | €38    | €44    |
| Limousin   | 850   | €59     | €67     | €70     | €73     | €80     | €86     | €89    | €98    |
| Parthenaise  | 15    | €21     | €23     | €23     | €26     | €27     | €27     | €30    | €30    |
| Piedmontese  | 13    | €25     | €27     | €28     | €29     | €32     | €33     | €37    | €37    |
| Salers   | 69    | €38     | €45     | €47     | €50     | €56     | €63     | €65    | €76    |
| Shorthorn  | 119   | €3      | €8      | €10     | €13     | €17     | €21     | €25    | €26    |
| Simmental  | 266   | €67     | €78     | €83     | €87     | €98     | €105    | €110   | €115   |
| Commercial *   | 1328  | €39     | €50     | €53     | €58     | €66     | €73     | €78    | €89    |
| All Pedigree Herds   | 3097  | €26     | €58     | €66     | €73     | €85     | €94     | €100   | €112   |

<sup>\*</sup> For Commercial herds the mimimum is 10 females. \*\* For all pedigree breeds with a minimum of 5 females