

## 1. Important Dates

- ✚ **ICBF Board Meeting** – Thursday 15<sup>th</sup> July, 10:30 to 14:00 – Maldron Hotel, Portlaoise.
- ✚ **Sheep Ireland Board Meeting** – Thursday 15<sup>th</sup> July, 14:00 to 16:30 – Maldron Hotel, Portlaoise.
- ✚ **Dairy Industry Consultation Meeting** – Wed. 21<sup>st</sup> July, 10:00 to 13:00 – Maldron Hotel, Portlaoise.
- ✚ **Beef Industry Consultation Meeting** – Wed. 21<sup>st</sup> July, 14:00 to 17:00 – Maldron Hotel, Portlaoise

## 2. Sheep Ireland

### Sheep 2010

- ✚ Sheep Ireland had a very successful day at the Sheep 2010 event in terms of the visitors to its stand and the many great suggestions and comments received from interested Pedigree & Commercial Flock owners as to how the Breeding Program could be made attractive to them.
- ✚ Stephen Potterton put on a demonstration with the Prattley Autodrafter & Electronic Handheld device as to how he co-ordinates the collection of breeding data across all of the MALP & CPT farms. He was assisted by two of his team: Bruce Alderton & Michael Crosse.
- ✚ Stephen also put on a display of a selection of progeny that were born via AI through the CPT programme that he co-ordinates. 4 progeny from a ram from the 5 different breeds were put on display together with comprehensive boards showing the performance figures of the progeny together with the Breeding Values of the Rams.
- ✚ Cathal McNulty demonstrated the various webscreens, breeding values and performance reports that a Pedigree Breeder would receive through Lambplus.
- ✚ Brian Wickham, Tim Byrne, Mike Lynch, Thierry Pabiou & Pat Donnellan were also available throughout the day to speak with Flock owners, explain how the Breeding Program operates as well as noting suggestions as to how it could be improved from a Flock owners perspective.
- ✚ Sheep 2010 was a tremendous success and Sheep Ireland was very proud to be involved. UCD, Teagasc & the many sponsors of the event deserve great praise for the work that went into organising this event.

### Genetic Evaluations

The sheep genetic evaluation have been finalised this week for LambPlus breeders. This year genetic evaluation comprised of LambPlus, Malp as well as CPT data. An in-depth analysis of genetic linkage between all flocks has been done in conjunction with AbacusBio (New-Zealand). The outcomes of this analysis will be communicated shortly.

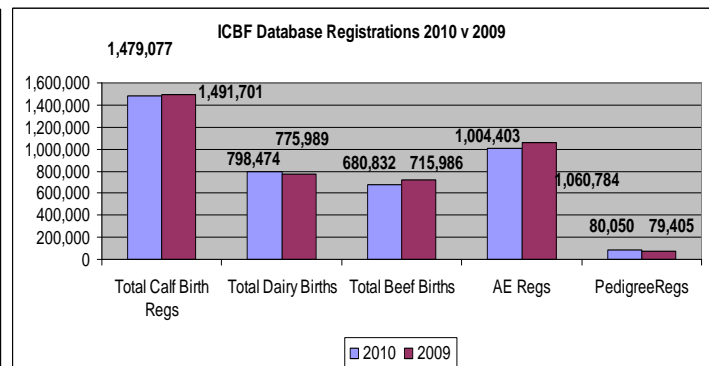
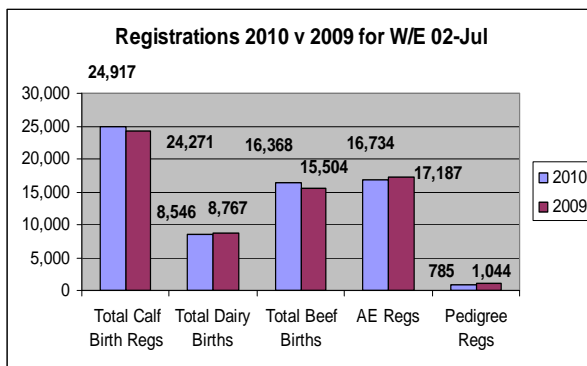
- ✚ Genetic Evaluations are currently being distributed to all Lambplus Breeders.
- ✚ Lambplus participants are receiving:
  - Euro- Star Catalogues with all animals in the flock.
  - Ram, Ewe & Lamb Summary lists. These lists are a new development and will make it easier for flock owners to analyse and compare the evaluations for their flock.
  - Explanatory material giving definitions for all of the column headings in the Summary listings.
- ✚ An example of a Ram, Ewe & Lamb Summary listing is shown below together with the explanatory material.

- ✚ These evaluations will also be uploaded onto the web over the coming week.
- ✚ Evaluations are also being sent to the CPT Flocks
- ✚ Genetic evaluations will be generated and sent to all MALP farms as soon as the DNA Parentage results have been received.

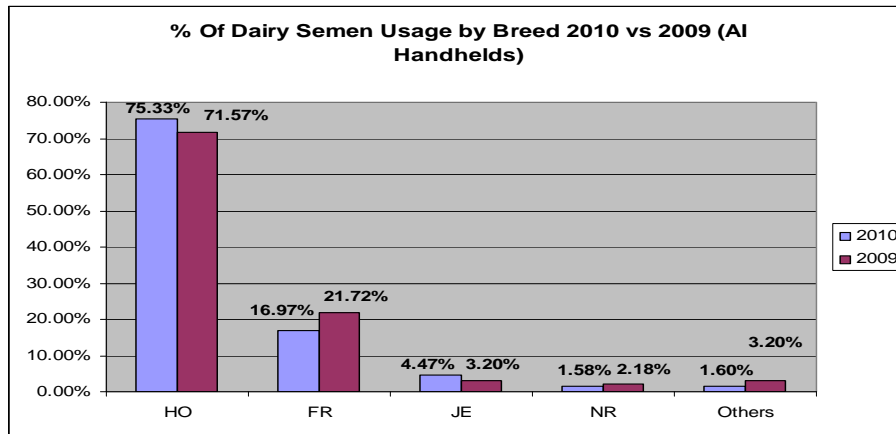
### Weight Reports

- ✚ The 40 day weight report that will also be distributed shortly to all Lambplus Participants is being finalised.
- ✚ A draft weight report for the MALP farmers is also being developed.
- ✚ This will allow MALP & CPT Flocks to get a summary of the data recorded on farm sent back to them immediately after the data is sent to Sheep Ireland.
- ✚ The draft report is currently with one of the MALP farmers for feedback. Once the final design has been finalised each MALP & CPT farm will receive weighing summaries for all of their weighing & data collection visits carried out so far this year.

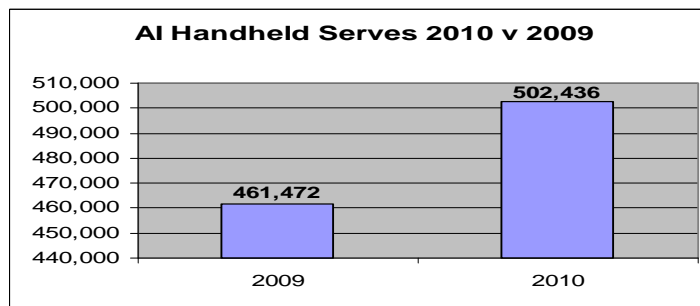
### 3. Database



- ✚ The stats above are compiled with the assistance of DAFF AIM systems.
- ✚ In the Suckler scheme, the number of 2009 born calves with meal introduced is 645,633 with the number of animals weaned at 580,166.
- ✚ A significant update to the suckler scheme screens is being designed and developed at the moment to help make the process more efficient. This is expected to be completed next week.
- ✚ Vets wishing to begin interacting with the AHI/ICBF system can register at <http://www.animalhealthireland.ie/registerpage.php>.
- ✚ Work is continuing on a web tool to help manage the storing of samples used in the genomics process at ICBF.
- ✚ Development work continued this week which will allow those involved in the Embryo transfer process to view/input data. The aim is that this will facilitate better recording of data, and more accurate fertility evaluations for donor cows. This should be live at the end of next week.
- ✚ Work is ongoing on the window server infrastructure, involving a move to a more resilient infrastructure for email, file servers, etc.
- ✚ Work on a new infrastructure for communicating with marts is on-going, with a view to getting the data flows on a more efficient and effective basis.
- ✚ Below is a graph comparing the semen usage by dairy breed for 2010 vs. 2009.



The graph below shows Inseminations recorded on AI Handhelds in 2010 compared with 2009.



#### 4. Tully

The performance test for bulls started on 01-07-2010, once all animals were on ad-lib concentrates and received a health free status from the bloods which were obtained during the isolation period. As a result, the first weighing was obtained at the start of test (Table 1).

**Table 1. Initial live-weight of bulls obtained on 1<sup>st</sup>, July 2010, averaged by breed.**

Breed	AA	BA	BB	CH	LM	PT	SH	SI	SP
No. of bulls	5	3	2	3	32	1	2	1	2
Average Live-weight (kg)	439	535	420	468	485	404	448	440	447

- Bull owners and breed societies have received letters and emails, respectively, updating them on the performance of bulls to date. Also, AI companies have received the latest performance figures of bulls, along with all other relevant information.
- A Tully Advisory Committee meeting will take place next week in Tully on Tuesday, 6<sup>th</sup> of July 2010. The meeting will start at 10.00 am and should finish around 2.00 pm.

#### 5. Genetic Evaluations

- The monthly beef evaluation for animals scored and weighed between 16<sup>th</sup> May and 15<sup>th</sup> June has been completed and GROW reports will be sent out early next week.

## 6. Milk Recording

### National Milk Recording Results by County - 10 day Period 22/06/10 to 02/07/10

	No. Herds Recorded	No. Cows Recorded	Average Herd Size	Average 24hr Milk kg/Cow	Average Fat %	Average Protein %	Average F + P kg	Average SCC
CARLOW	12	905	75	23.8	4.02	3.31	1.74	319
CAVAN	38	1,906	50	26.5	3.54	3.31	1.82	311
CLARE	28	1,688	60	26.5	3.57	3.38	1.84	273
CORK STH	239	18,081	76	24.7	3.74	3.34	1.75	295
CORK NTH	260	19,517	75	25.6	3.74	3.44	1.84	257
DONEGAL	11	963	88	22.9	4.33	3.44	1.78	307
DUBLIN	4	242	61	27.8	3.48	3.32	1.89	432
GALWAY	12	1,163	97	23.1	3.89	3.29	1.66	355
KERRY	129	8,065	63	26.4	3.57	3.32	1.82	324
KILDARE	21	1,802	86	26.2	3.59	3.24	1.79	357
KILKENNY	57	5,017	88	22.9	3.70	3.36	1.62	242
LAOIS	29	2,066	71	21.6	3.97	3.39	1.59	291
LEITRIM	7	371	53	31.2	3.55	3.24	2.12	283
LIMERICK	127	9,105	72	26.4	3.62	3.33	1.83	268
LONGFORD	10	814	81	24.8	3.73	3.30	1.74	300
LOUTH	17	1,609	95	23.5	3.41	3.31	1.58	385
MAYO	19	1,158	61	27.2	3.36	3.45	1.85	361
MEATH	45	4,336	96	23.4	3.83	3.33	1.68	419
MONAGHAN	18	896	50	28.8	3.32	3.16	1.87	397
OFFALY	33	2,520	76	22.8	3.98	3.40	1.68	350
ROSCOMMON	2	138	69	25.1	3.64	3.36	1.76	180
SLIGO	5	353	71	19.1	4.07	3.42	1.43	221
TIPPERARY NTH	52	4,746	91	23.6	3.89	3.41	1.72	305
TIPPERARY STH	70	5,775	83	22.0	3.76	3.36	1.57	244
WATERFORD	63	6,177	98	24.0	3.81	3.44	1.74	246
WESTMEATH	17	1,544	91	26.8	3.83	3.27	1.90	270
WEXFORD	57	4,361	77	22.8	3.78	3.44	1.65	295
WICKLOW E	20	1,565	78	23.0	3.45	3.34	1.56	347
WICKLOW W	16	1,447	90	23.2	3.44	3.33	1.57	350
	No. Herds Recorded	No. Cows Recorded	Average Herd Size	Average 24hr Milk kg/Cow	Average Fat %	Average Protein %	Average F + P kg	Average SCC
National	1,418	108,330	77	24.7	3.71	3.35	1.74	310

### National Milk Recording Averages by Province - 10 day Period 22/06/10 to 02/07/10

Provincial	No. Herds Recorded	No. Cows Recorded	Average Herd Size	Average 24hr Milk kg/Cow	Average Fat %	Average Protein %	Average F + P kg	Average SCC
Munster	968	73,154	76	24.9	3.71	3.38	1.77	277
Leinster	338	28,228	84	24.0	3.68	3.33	1.69	335
Connacht	45	3,183	71	25.1	3.70	3.35	1.77	280
Ulster	67	3,765	56	26.1	3.73	3.30	1.83	338

National Milk Recording Statistics - Herds, Cows & EDIY 02/07/10						
Milk Recording Organisation	Total Herds Recorded YTD 02/07/10	No. EDIY Herds YTD 02/07/10	% Herds EDIY	Total No. Cows Recorded YTD 02/07/10	No. EDIY Cows YTD 02/07/10	% Cows EDIY
Munster	3,536	987	28%	265,364	80,912	30%
Progressive	1,969	740	38%	165,775	60,951	37%
Tipperary	130	55	42%	10,989	5,065	46%
Connacht	141	53	38%	9,027	3,294	36%
<b>Total</b>	<b>5,776</b>	<b>1,835</b>	<b>32%</b>	<b>451,155</b>	<b>150,222</b>	<b>33%</b>

Recorded Cows by Milk Recording Organisation - Year on Year Comparison			
Milk Recording Organisation	YTD 2009 Cows Recorded 01/01/09 - 02/07/09	YTD 2010 Cows Recorded 01/01/10 - 02/07/10	2010 vs. 2009 Year on Year Difference (%)
Munster	244,744	265,364	7.8%
Progressive	166,564	165,775	-0.5%
Tipperary	10,632	10,989	3.2%
Connacht	8,413	9,027	6.8%
<b>Total</b>	<b>430,353</b>	<b>451,155</b>	<b>4.6%</b>

**Brian Wickham** (PhD) Chief Executive, ICBF & Sheep Ireland, Highfield House, Shinagh, Bandon Co. Cork., Phone: +353 238 820 222, Mobile: +353 86 826 9911, Email [bwickham@icbf.com](mailto:bwickham@icbf.com).

**Registered Office:** Irish Cattle Breeding Federation Society Ltd trading as "ICBF", Highfield House, Shinagh, Bandon, Co Cork. Registered Dublin, Ireland. Registration Number 4914R, Industrial and Provident Societies Acts, 1893 to 1978. Web: [www.icbf.com](http://www.icbf.com).

**Registered Office:** Sheep Database Ltd trading as "Sheep Ireland". Highfield House, Shinagh, Bandon, Co Cork. Registered Dublin, Ireland. Registration Number 465004, Companies Acts 1963 to 2006. Web: [www.sheep.ie](http://www.sheep.ie).

### Lamb Summary Evaluations (Within Breed) - IE1234567

Lamb Details							Euro-Star Indexes												Key Profit Traits						
							Overall Sheep Value				Lambing			Production			Maternal			Lamb Survival		Days to Slaughter		Litter Size	
Rk	ID	Breed	Sex	Date of Birth	Sire	Dam	Eval Date	Index	Acc %	Euro-Stars	Index	Acc %	Euro-Stars	Index	Acc %	Euro-Stars	Index	Acc %	Euro-Stars	%	Acc %	Days	Acc%	Lambs Born	Acc %
1	PJD001		Male	21/01/2010	ZZZ001	CMK6012	25/06/2010	0.76	22	*****	0.41	18	*****	0.17	30	****	0.18	24	*****	0.93	20	-1.55	36	0.01	51
2	PJD002		Female	21/01/2010	ZZZ001	CMK6012	25/06/2010	0.74	22	*****	0.39	18	*****	0.17	30	****	0.18	24	*****	0.9	20	-1.55	36	0.01	51
3	PJD003		Female	07/01/2010	ZZZ001	CMK4017	25/06/2010	0.7	25	*****	0.35	19	*****	0.38	38	*****	-0.03	27	***	0.9	22	-3.18	45	-0.01	51
4	PJD004		Female	21/01/2010	ZZZ001	CMK6012	25/06/2010	0.69	24	*****	0.39	19	*****	0.05	37	***	0.25	26	*****	0.97	22	-1.05	43	0.01	51
5	PJD005		Male	07/01/2010	ZZZ001	CMK4017	25/06/2010	0.67	23	*****	0.36	18	*****	0.04	32	***	0.27	26	*****	0.88	20	-0.37	38	-0.01	51
6	PJD006		Female	05/01/2010	ZZZ001	MMA07002	25/06/2010	0.58	23	*****	0.19	16	*****	0.43	35	*****	-0.04	25	***	1.04	20	-3.94	40	0.02	52
7	PJD007		Female	05/01/2010	ZZZ001	MMA07002	25/06/2010	0.58	23	*****	0.19	16	*****	0.44	35	*****	-0.05	25	***	1.04	20	-4.1	40	0.02	52
8	PJD008		Male	22/01/2010	ZZZ001	MMA06005	25/06/2010	0.56	20	*****	0.27	15	*****	0.36	27	*****	-0.07	24	**	0.95	19	-3.05	31	0	52
9	PJD009		Female	22/01/2010	ZZZ001	MMA06005	25/06/2010	0.54	20	*****	0.25	15	*****	0.36	27	*****	-0.07	24	**	0.93	19	-3.05	31	0	52
10	PJD010		Female	05/01/2010	ZZZ001	MMA07001	25/06/2010	0.54	22	*****	0.28	19	*****	-0.14	31	**	0.4	23	*****	0.8	23	0.29	38	0.02	52
11	PJD011		Male	22/01/2010	ZZZ001	MMA06005	25/06/2010	0.53	20	*****	0.24	15	*****	0.36	27	*****	-0.07	24	**	0.94	19	-3.05	31	0	52
12	PJD012		Male	05/01/2010	ZZZ001	MMA07001	25/06/2010	0.52	21	*****	0.27	19	*****	-0.17	30	*	0.42	22	*****	0.76	21	0.68	36	0.02	52
13	PJD013		Male	20/01/2010	ZZZ001	BJC4067	25/06/2010	0.5	19	*****	0.15	14	*****	0.36	24	*****	-0.01	23	***	0.66	16	-3.39	28	0.03	52
14	PJD014		Female	09/01/2010	ZZZ001	BJE06353	25/06/2010	0.49	23	*****	0.2	15	*****	0.55	35	*****	-0.26	27	*	0.9	20	-4.67	40	-0.01	51
15	PJD015		Female	09/01/2010	ZZZ001	BJE06353	25/06/2010	0.49	23	*****	0.2	15	*****	0.57	35	*****	-0.28	27	*	0.9	20	-5.07	40	-0.01	51
16	PJD016		Female	20/01/2010	ZZZ001	BJC4067	25/06/2010	0.48	19	*****	0.13	14	*****	0.36	24	*****	-0.01	23	***	0.63	16	-3.39	28	0.03	52
17	PJD017		Male	03/01/2010	ZZZ001	MMA08034	25/06/2010	0.47	25	*****	0.32	20	*****	-0.07	37	**	0.22	26	*****	0.88	23	-0.03	44	0.02	51
18	PJD018		Male	03/01/2010	XXX9087	MMA07007	25/06/2010	0.42	22	*****	0.3	19	*****	0.01	31	***	0.11	24	****	0.77	21	0.08	37	0.01	51
19	PJD019		Female	06/01/2010	XXX9087	KAC07027	25/06/2010	0.41	22	*****	0.17	13	*****	0.5	35	*****	-0.26	25	*	0.83	18	-3.39	40	0	52
20	PJD020		Female	03/01/2010	XXX9087	MMA08034	25/06/2010	0.4	25	*****	0.26	20	*****	-0.39	37	*	0.53	26	*****	0.84	23	3.34	44	0.02	51
21	PJD021		Male	03/01/2010	XXX9087	MMA07007	25/06/2010	0.4	22	*****	0.28	19	*****	0.01	31	***	0.11	24	****	0.75	21	0.08	37	0.01	51
22	PJD022		Male	06/01/2010	XXX9087	BJE6340	25/06/2010	0.39	23	*****	0.17	15	*****	0.51	34	*****	-0.29	27	*	0.82	19	-4.96	39	0.01	52
23	PJD023		Female	06/01/2010	XXX9087	MMA07013	25/06/2010	0.35	22	*****	0.12	14	*****	0.18	34	****	0.05	25	*****	0.73	19	-1.21	39	-0.01	52
24	PJD024		Female	04/01/2010	XXX9087	MMA07005	25/06/2010	0.35	25	*****	0.25	19	*****	-0.35	37	*	0.45	27	*****	0.45	23	2.37	43	0.04	52
25	PJD025		Male	06/01/2010	XXX9087	BJE6340	25/06/2010	0.32	20	*****	0.14	15	*****	0.25	27	*****	-0.07	24	**	0.75	17	-2.31	31	0.01	52
26	PJD026		Female	06/01/2010	XXX9087	MMA08056	25/06/2010	0.31	24	*****	0.28	18	*****	0.18	38	****	-0.15	26	**	0.56	22	-1.29	45	-0.01	52
27	PJD027		Female	04/02/2010	XXX9087	OMK4104	25/06/2010	0.31	21	*****	0.14	15	*****	0.43	29	*****	-0.26	24	*	0.68	20	-3.26	33	0	52
28	PJD028		Male	09/01/2010	XXX9087	MMA08036	25/06/2010	0.31	18	*****	0.08	13	*****	0.17	27	****	0.06	21	*****	0.8	16	-1.89	31	0	52
29	PJD029		Male	28/01/2010	XXX9087	OMK2003	25/06/2010	0.31	19	*****	0.15	14	*****	0.37	26	*****	-0.2	23	**	0.7	20	-2.73	29	0	52
30	PJD030		Female	04/01/2010	XXX9087	MMA07005	25/06/2010	0.3	25	*****	0.23	19	*****	-0.04	37	***	0.12	27	****	0.45	23	-0.19	43	0.04	52
31	PJD031		Female	04/02/2010	XXX9087	OMK4104	25/06/2010	0.29	21	*****	0.14	15	*****	0.29	29	*****	-0.14	24	**	0.68	20	-1.97	33	0	52
32	PJD032		Male	05/01/2010	XXX9087	MMA06007	25/06/2010	0.27	20	*****	0.01	15	***	0.33	27	*****	-0.07	24	**	0.52	17	-3.2	30	0	52
33	PJD033		Female	05/01/2010	XXX9087	MMA06007	25/06/2010	0.26	23	*****	0.03	15	****	0.26	35	*****	-0.03	26	***	0.56	19	-2.31	40	0	52
34	PJD034		Female	06/01/2010	XXX9087	MMA08065	25/06/2010	0.26	20	*****	0.08	17	*****	-0.04	29	***	0.22	22	*****	0.85	23	-0.11	35	0.01	52
35	PJD035		Female	04/01/2010	VBGU765	MMA07005	25/06/2010	0.25	25	*****	0.25	19	*****	-0.27	37	*	0.27	27	*****	0.45	23	1.97	43	0.04	52
36	PJD036		Female	05/01/2010	VBGU765	MMA07019	25/06/2010	0.21	25	*****	0.24	19	*****	0.15	38	****	-0.17	26	**	0.53	22	-1.1	44	-0.01	52

Accuracy %: Please note that the Accuracy % of the Euro-Stars in general are low due to the number of flocks currently involved in Sheep Ireland. Euro-Star Indexes should always be used together with visual assesment but never on their own.

### Lamb Summary Evaluations (Within Breed) - IE1234567

Lamb Details							Euro-Star Indexes												Key Profit Traits						
							Overall Sheep Value				Lambing			Production			Maternal			Lamb Survival		Days to Slaughter		Litter Size	
Rk	ID	Breed	Sex	Date of Birth	Sire	Dam	Eval Date	Index	Acc %	Euro-Stars	Index	Acc %	Euro-Stars	Index	Acc %	Euro-Stars	Index	Acc %	Euro-Stars	%	Acc %	Days	Acc%	Lambs Born	Acc %
37	PJD037		Male	05/01/2010	VBGU765	MMA07019	25/06/2010	0.19	22	****	0.22	18	****	0.08	31	****	-0.1	24	**	0.49	20	-0.52	37	-0.01	52
38	PJD038		Male	04/01/2010	VBGU765	MMA08027	25/06/2010	0.17	24	****	0.14	19	****	-0.26	36	*	0.28	25	****	0.75	25	1.87	42	0.01	52
39	PJD039		Female	06/01/2010	VBGU765	MMA08030	25/06/2010	0.11	20	****	0.08	17	****	0.1	29	****	-0.06	22	***	0.09	21	-0.16	34	0	51
40	PJD040		Female	06/01/2010	VBGU765	MMA08030	25/06/2010	0.11	20	****	0.08	17	****	0.1	29	****	-0.06	22	***	0.09	21	-0.16	34	0	51
41	PJD041		Female	05/01/2010	VBGU765	BJE6343	25/06/2010	0.1	25	****	0.26	19	****	-0.08	37	**	-0.08	27	**	0.58	22	0.05	44	-0.01	52
42	PJD042		Female	05/01/2010	VBGU765	MMA08028	25/06/2010	0.09	22	****	0.16	20	****	-0.45	30	*	0.38	24	****	0.77	25	3.86	37	0.02	52
43	PJD043		Female	09/01/2010	VBGU765	MMA08078	25/06/2010	0.09	20	****	0.05	17	****	0	28	***	0.04	22	****	0.74	23	-0.16	34	0	52
44	PJD044		Male	05/01/2010	VBGU765	MMA08051	25/06/2010	0.08	19	****	0.04	15	****	0.2	27	****	-0.16	21	**	0.11	18	-0.45	31	0	51
45	PJD045		Male	05/01/2010	VBGU765	MMA08051	25/06/2010	0.08	19	****	0.04	16	****	0.21	28	****	-0.16	21	**	0.16	20	-0.52	32	0	51
46	PJD046		Female	05/01/2010	VBGU765	MMA08031	25/06/2010	0.06	23	****	-0.21	16	*	0.47	35	****	-0.2	25	**	0.5	20	-4.39	40	0.01	52
47	PJD047		Female	05/01/2010	VBGU765	MMA08028	25/06/2010	0.03	24	****	0.16	20	****	-0.59	37	*	0.45	25	****	0.77	25	4.54	43	0.02	52
48	PJD048		Female	07/01/2010	VBGU765	MMA07011	25/06/2010	0.01	24	***	-0.04	19	***	-0.01	36	***	0.06	26	****	0.36	25	-0.52	42	0.03	52
49	PJD049		Male	05/01/2010	VBGU765	BJE6343	25/06/2010	0.01	22	***	0.16	19	****	-0.11	30	**	-0.04	25	***	0.13	22	0.58	36	-0.01	52
50	PJD050		Female	07/01/2010	VBGU765	MMA07011	25/06/2010	-0.03	24	***	-0.05	19	***	-0.38	36	*	0.4	26	****	0.36	25	2.89	42	0.03	52
51	PJD051		Female	05/01/2010	VBGU765	MMA08031	25/06/2010	-0.06	20	***	-0.34	16	*	0.4	28	****	-0.12	23	**	0.03	20	-3.81	32	0.01	52
52	PJD052		Male	06/01/2010	VBGU765	MMA08064	25/06/2010	-0.06	21	***	-0.06	17	***	-0.17	29	*	0.17	23	****	0.27	21	1.39	35	0	52
53	PJD053		Male	04/01/2010	VBGU765	SGB5018	25/06/2010	-0.11	24	**	-0.02	17	****	-0.52	35	*	0.44	27	****	0.37	24	5.54	41	0.01	52
54	PJD054		Female	05/01/2010	VBGU765	SGB05002	25/06/2010	-0.13	25	**	-0.08	18	***	-0.28	39	*	0.22	28	****	0.36	25	2.18	45	0.02	52
55	PJD055		Female	22/04/2010	VBGU765	KAC07006	25/06/2010	-0.16	18	**	-0.08	15	***	0.06	24	***	-0.14	20	**	-0.24	20	0.34	28	-0.01	51
56	PJD056		Female	06/02/2010	VBGU765	MMA08035	25/06/2010	-0.33	20	*	-0.22	17	*	0.04	28	***	-0.15	22	**	-0.35	20	-0.19	32	0	52
57	PJD057		Female	06/01/2010	VBGU765	MMA07017	25/06/2010	-0.36	24	*	-0.16	17	*	-0.4	38	*	0.2	26	****	0.18	24	3.31	44	-0.01	52
58	PJD058		Female	05/01/2010	VBGU765	MMA08199	25/06/2010	-0.36	18	*	-0.16	15	*	0.01	26	***	-0.21	20	*	-0.41	18	0.4	30	0	52
59	PJD059		Male	05/01/2010	VBGU765	MMA08199	25/06/2010	-0.37	21	*	-0.15	15	*	-0.14	33	**	-0.08	22	**	-0.4	18	2.02	38	0	52
60	PJD060		Male	05/01/2010	VBGU765	MMA08181	25/06/2010	-0.46	18	*	-0.26	16	*	-0.12	25	**	-0.08	20	**	-0.68	21	1.6	29	-0.01	52

Accuracy %: Please note that the Accuracy % of the Euro-Stars in general are low due to the number of flocks currently involved in Sheep Ireland. Euro-Star Indexes should always be used together with visual assesment but never on their own.

# Sheep Ireland

## €uro-Star Indexes

### Sire, Dam & Lamb Summary Lists

### July 2010





# Sheep Ireland Euro-Stars

## Background

The Sheep Euro – Star breeding Index reflects how much Profit (€) a sheep farmer can expect to realize from making a breeding decision. They are designed to help farmers increase returns from sheep breeding and are based on available data on all animals in the Sheep Ireland Breeding Database.

## Euro-Stars – What do they mean?

<b>Overall Sheep Value</b>	Combines Euro-Star Indexes together.
<b>Lambing Index</b>	Measure of genetic merit of a Sheep for Lambing traits.
<b>Production Index</b>	Measure of genetic merit of a Sheep for Terminal traits.
<b>Maternal Index</b>	Measure of genetic merit of a Sheep for Maternal traits.

## Euro-Stars – Where does the information come from?

<b>Index</b>	<b>Information Source</b>
<b>Lambing</b>	1. Lambing Ease & Lambing Survival.
<b>Production</b>	1. Individual On-Farm Weights. 2. Days to Slaughter. 3. Ultrasound Muscle & Fat Scanning.
<b>Maternal</b>	1. Lambing Ease. 2. Weaning Weight. 3. Ultrasound Muscle & Fat Scanning. 4. Lambing Survival.

## Other Key Breeding Values

<b>Lambing Survival</b>	% of Lambs surviving to weaning above/below the average for the breed. Predicted from birth & death records.
<b>Days to Slaughter</b>	Days more or less than the average to get progeny to slaughter. Predicted from 40 Day weights, weaning weights and scanning weights.
<b>Litter Size:</b>	More or Less Lambs than the average number of lambs born per ewe lambing. Predicted from number of lambs born records.

## Other Important Definitions

<b>Accuracy %</b>	This is an indication of how much confidence can be placed in the evaluations. Please note that the Accuracy % of Euro-Stars in general are low due to the number of flocks currently involved in Sheep Ireland.
<b>NA</b>	Euro-Star Indexes are sometimes not available due to the reliability % for that index being too low.
<b>% Rank</b>	Shows how far into the Star Rating the sheep is placed.
<b>Euro – Stars</b> ★★★★★	5 Stars = Top 20% of the Breed. 4 Stars = Top 40% 3 Stars = Top 60% 2 Stars = Bottom 40% 1 Star = Bottom 20%
<b>Dam Rec</b>	Previous Litter Size. (Example: 32 Last Litter-2 lambs Second Last Litter-3 lambs)

*To find out more about Sheep Ireland call today on 1850 – 600 – 900 or [www.sheep.ie](http://www.sheep.ie).*

**Disclaimer: While every endeavour has been made to ensure the accuracy of information in this report, Sheep Ireland expressly disclaims any and all liabilities that may arise from the use of the information.**

## Sire & Lamb Summary Explained

Sire Summary																											
Ram Details						Progeny Details			Euro-Star Indexes												Key Profit Traits						
									Overall Sheep Value			Lambing			Production			Maternal			Lamb Survival		Days to Slaughter		Litter Size		
Rk	ID	Breed	Sire	Dam	Usage	Nbr	M	F	Eval Date	Index	Acc %	€uro-Stars	Index	Acc %	€uro-Stars	Index	Acc %	€uro-Stars	Index	Acc %	€uro-Stars	%	Acc%	Days	Acc%	Lambs Born	Acc %

**Rk:** Rank. All animals are ranked on 'Overall Sheep Value'

**Progeny Details:**  
**Nbr:** Number of progeny in Evaluation.  
**M:** Males  
**F:** Females

**Eval Date:**  
 Date of Genetic Evaluation

**€uro-Star Indexes:**  
**Lambing:** Genetic Merit for Lambing traits  
**Production:** Genetic Merit for Terminal traits  
**Maternal:** Genetic Merit for Maternal traits

**Lamb Survival Breeding Value:** % Lambs surviving to weaning above/below the average for the breed

**Days to slaughter Breeding Value:** Days more/less than the average to get progeny to slaughter

**Ram Details** shows Ram's ID Nbr, Breed, Sire & Dam.  
**Usage** shows if Ram has progeny in Lambplus (LP), MALP (MLP) or CPT Flocks

**Index** shows € Profit expected on each animal sired by this Ram

**Acc %** = Accuracy which shows how much confidence can be placed in the Indexes.

**€uro-Stars** show where a Ram is ranked for different traits within his breed

★★★★★	<b>5 Stars</b> = Top 20% of Breed
★★★★	<b>4 Stars</b> = Top 40% of Breed
★★★	<b>3 Stars</b> = Top 60% of Breed
★★	<b>2 Stars</b> = Bottom 40% of Breed
★	<b>1 Star</b> = Bottom 20% of Breed

**Litter Size Breeding Value:**  
 More/Less Lambs than the average Number of Lambs born per ewe lambing

## Dam Summary Explained

**Dam Rec:**  
Previous Litter Sizes. E.g. 32 = Her last litter had 2 Lambs. Her 1<sup>st</sup> Litter had 3 lambs

**Progeny Details:**  
**Nbr:** Number of progeny in Evaluation.  
**M:** Males  
**F:** Females

**Eval Date:**  
Date of Genetic Evaluation

**€uro-Star Indexes:**  
**Lambing:** Genetic Merit for Lambing traits  
**Production:** Genetic Merit for Terminal traits  
**Maternal:** Genetic Merit for Maternal traits

**Lamb Survival Breeding Value:** % Lambs surviving to weaning above/below the average for the breed

**Days to slaughter Breeding Value:** Days more/less than the average to get progeny to slaughter

Dam Summary																											
Ewe Details						Progeny Details			€uro-Star Indexes															Key Profit Traits			
									Overall Sheep Value			Lambing			Production			Maternal			Lamb Survival		Days to Slaughter		Litter Size		
Rk	ID	Breed	Sire	Dam	Dam Rec	Nbr	M	F	Eval Date	Index	Acc%	€uro-Stars	Index	Acc %	€uro-Stars	Index	Acc%	€uro-Stars	Index	Acc %	€uro-Stars	%	Acc%	Days	Acc%	Lambs Born	Acc %

**Ram Details** shows Ram's ID Nbr, Breed, Sire & Dam.  
**Usage** shows if Ram has progeny in Lambplus (LP), MALP (MLP) or CPT Flocks

**Index** shows € Profit expected on each animal sired by this Ram

**Acc %** = Accuracy which shows how much confidence can be placed in the Indexes.

**€uro-Stars** show where a Ram is ranked for different traits within his breed

★★★★★	<b>5 Stars</b> = Top 20% of Breed
★★★★	<b>4 Stars</b> = Top 40% of Breed
★★★	<b>3 Stars</b> = Top 60% of Breed
★★	<b>2 Stars</b> = Bottom 40% of Breed
★	<b>1 Star</b> = Bottom 20% of Breed

**Litter Size Breeding Value:**  
More/Less Lambs than the average Number of Lambs born per ewe lambing