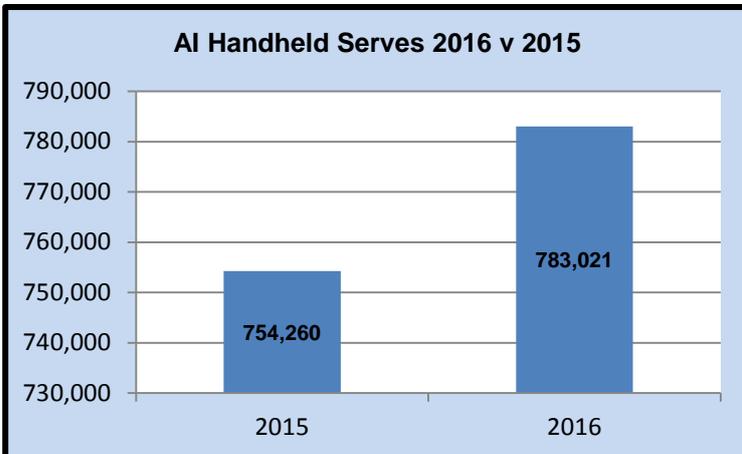
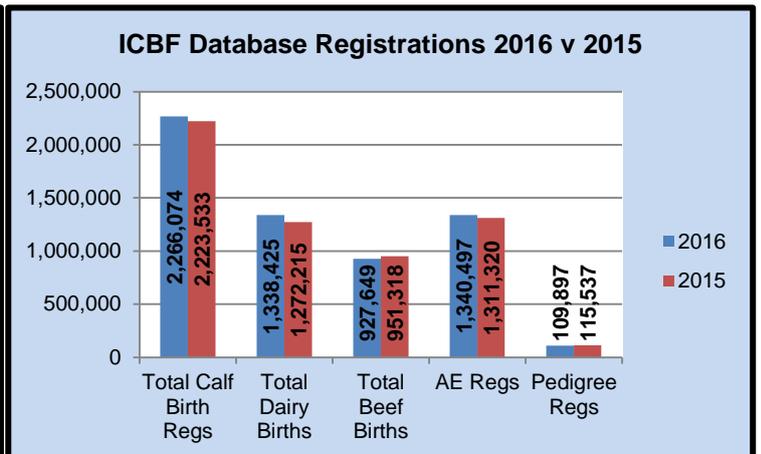
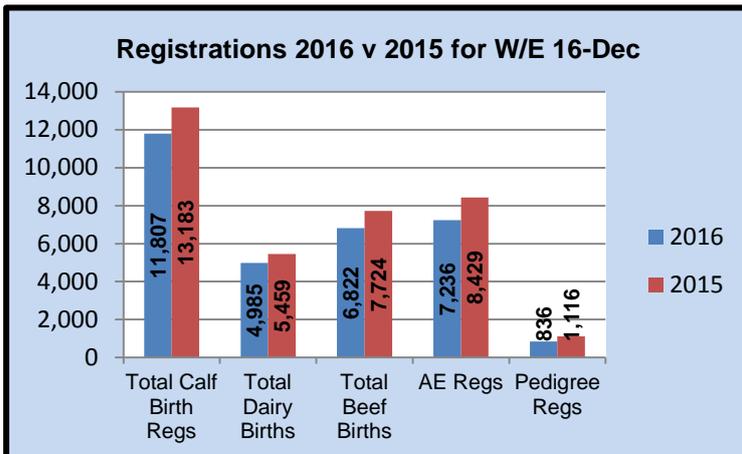


ICBF Weekly Update 16th December 2016

1 Important Dates

- Audit & Finance Sub-Committee Meeting** – Thursday 22nd December 2016 at 09:30, Killeshin Hotel, Portlaoise.
- ICBF Board Meeting** – Thursday 22nd December 2016 at 11:00, Killeshin Hotel, Portlaoise.
- Sheep Board Meeting** – Thursday 19th January 2017 at 14:00, Killeshin Hotel, Portlaoise.

2 Database



- The stats above are compiled with the assistance of DAFM AIM systems.
- BVD test results continue to be received at ICBF and are being processed accordingly. There have been 2,349,435 results received since January 1st, of which 15,587 have come in the last 7 days. Since the beginning of the voluntary phase in 2012, 9,510,038 results have now been received.
- The chart shows Inseminations recorded on AI Handhelds in 2016 compared with 2015.

3 Herd Plus®

- The latest bull proofs are now available to view in excel format in the 'genetic evaluations section' of our website. The 'Active Bull List', 'Bull Search' and 'Sire Advice' are still working off the August 2016 evaluations. These will be updated 10th January 2017.
- HerdPlus Dairy Pocket Notebooks are currently being generated and will be arriving on farm over the coming weeks.
- The ICBF animal search is now available in app format on android and apple's app stores. You can download this app by searching for 'ICBF Animal Search'
- Please ensure that you record dry off dates when you have dried off your cows. Here at ICBF we don't know the difference between a Dry Cow and a cow that you plan to milk through the winter! That's why

you need to tell us. Farmers that don't record dry offs do not receive an accurate Annual Report for their herd or valid lactations for their animals that have paid for.

- ✚ Herd-owners can now genotype all their female calves which will allow them to make a more informed decision around breeding and culling potential replacements. This service could cost herd-owners as little as €22/head. Please contact HerdPlus on **1850 600 900** or **023 8820452** for further details. Alternatively when logged into HerdPlus, herd-owners can make orders online by selecting 'Services' – 'Genomic Services' – 'Place Order'

4 GENE IRELAND® Beef

- ✚ Sign Ups are continuing for the Gene Ireland Beef programme.
- ✚ 175 herds taking a total of 2520 straws have joined so far.
- ✚ The average order is 14 straws per herd.
- ✚ The Aubrac bull AU2365 reached the 500 straws target this week
- ✚ Details on the bulls can be viewed [here](#)
- ✚ To learn more or to order straws please telephone **023 8820452**.
- ✚ Approximate total straws ordered to date for the bulls are detailed in graph.

Code	Name of Bull	Breed	Replacement Index	Straws
PI2157	Kilree Leo	PI	€128	495
HE2359	Arlinstown Special 13th	HE	€123	210
SH2360	Doon Giorgio	SH	€123	340
SA2366	Carrentubber Pinocchio	SA	€120	180
AA4086	Marianhill L Papa	AA	€107	25
CH4082	Firoda Jason	CH	€106	10
BA2357	Terelton Isaac	BA	€102	235
PT2356	Macgowan Herd Juno	PT	€98	240
CH4068	Glenville Jasper	CH	€93	475
SI2367	Barnattin George 2	SI	€92	240
CH2363	Dolland Jefferson	CH	€83	365

5 Tully

- ✚ Table 1 below. (Live-weight and slaughter data from progeny of AI sires slaughtered recently from Tully) shows a comparison of three groups of animals that were slaughtered recently from Tully. Group 1 consisted of 25 Hereford and 25 Angus steers from the dairy herd, while group 2 and 3 were steers and bulls of various breeds from the suckler herd. The data shows that the steers from suckler cows (group 2) had a higher carcass weight, kill-out percentage and lower dry matter intake when compared to the steers from the dairy herd (group 1). The slaughter age for group 1, 2 & 3 was 19, 17 and 15.5 months respectively. Despite the dairy beef steers being 2 months older, heavier at slaughter and having a higher average daily gain in the final 100 day finishing period, the suckler bred steers were 27 kilos heavier for carcass weight due to a higher kill-out percentage. As expected the young bulls (group 3) out-performed both groups of steers in both growth and carcass traits, however the young bulls were on a higher plain of nutrition.
- ✚ In 2016, data has being collected on 490 progeny of AI sires at Tully with a further 160 animals currently on test at the center. To find further information on all animals slaughtered to date from Tully, login to the ICBF website (www.icbf.com) and click on "commercial progeny results" which is located under the "Services" tab.

Group	Gender	Number	Average slaughter age (years/months)	Final live-weight (kg)	Average Daily Gain (kg)	Dry Matter Intake (kg)	Food Conversion efficiency	Carcass weight (kg)	KO %	Average terminal index (across breed stars)	Average Maternal Index (across breed stars)
1	Steers (Dairy beef)	50	1.72 (19 months)	677	1.6	13	8.29	343	51	1	4.96
2	Steers (Suckler cows)	76	1.53 (17 months)	654	1.4	11.7	8.6	370	56.5	2.8	4.3
3	Young bulls	68	1.36 (15.5 months)	733	2.0	13	6.6	447	61	3.7	4.1

*Note that the average daily gain and feed conversion efficiency figures are based on the last 100 days prior to slaughter.

6 Milk Recording

National Milk Recording Statistics - Herds, Cows & EDIY 16/12/16

Milk Recording Organisation	Total Herds Recorded YTD 16/12/16	No. EDIY Herds YTD 16/12/16	% Herds EDIY	Total No. Cows Recorded YTD 16/12/16	No. EDIY Cows YTD 16/12/16	% Cows EDIY
Munster	3,783	1,170	31%	368,457	124,306	34%
Progressive	2,363	982	42%	260,673	106,108	41%
Tipperary	118	54	46%	11,591	5,089	44%
Total	6,264	2,206	35%	640,721	235,503	37%

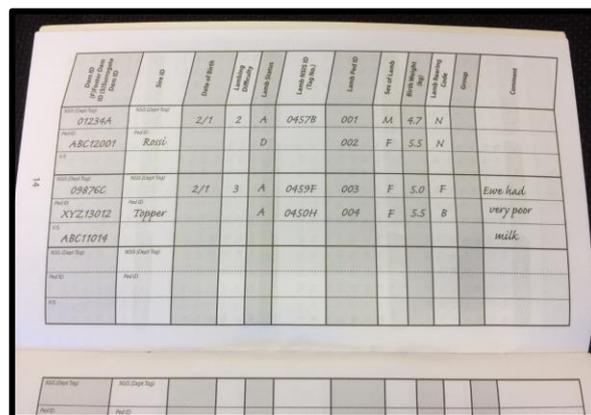
Recorded Cows by Milk Recording Organisation - Year on Year Comparison

Milk Recording Organisation	YTD 2015 Cows Recorded 01/01/15- 16/12/15	YTD 2016 Cows Recorded 01/01/16- 16/12/16	2016 vs 2015 Year on Year Difference (%)
Munster	370,059	368,457	-0.4%
Progressive	264,251	260,673	-1.4%
Tipperary	11,911	11,591	-2.7%
Total	646,221	640,721	-0.9%

7 Sheep Ireland

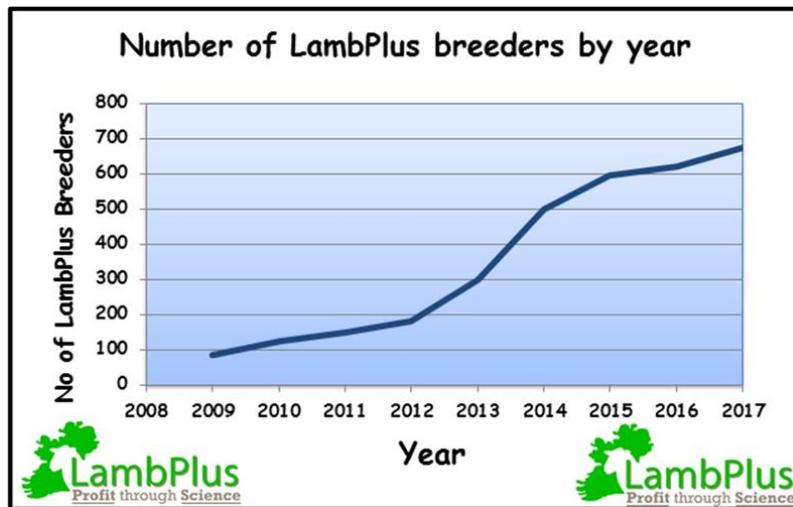
LambPlus Lambing Notebooks 2017

- This week we began posting out the LambPlus lambing notebooks. This notebook is an invaluable tool for sheep breeders to capture the required performance data on their flocks. Some very large flocks are now choosing data recording software packages (handhelds) to capture information on their flocks, but for the majority of LambPlus flocks the lambing notebook suffices their needs.
- A very useful tip when using this lambing notebook is to take a photograph of each completed page on a mobile phone during the lambing period. This will be a very valuable safety net in the event of the notebook getting lost or damaged. A complete loss of valuable data will be avoided.



LambPlus Breeder Numbers 2017

- Our final 2017 LambPlus membership translates into a 12.5% growth on last year, which is good for everyone involved in the sheep industry – ram breeders and commercial sheep farmers.



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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.

National Milk Recording Results for the 10 day period, 07-DEC-2016 To 16-DEC-2016

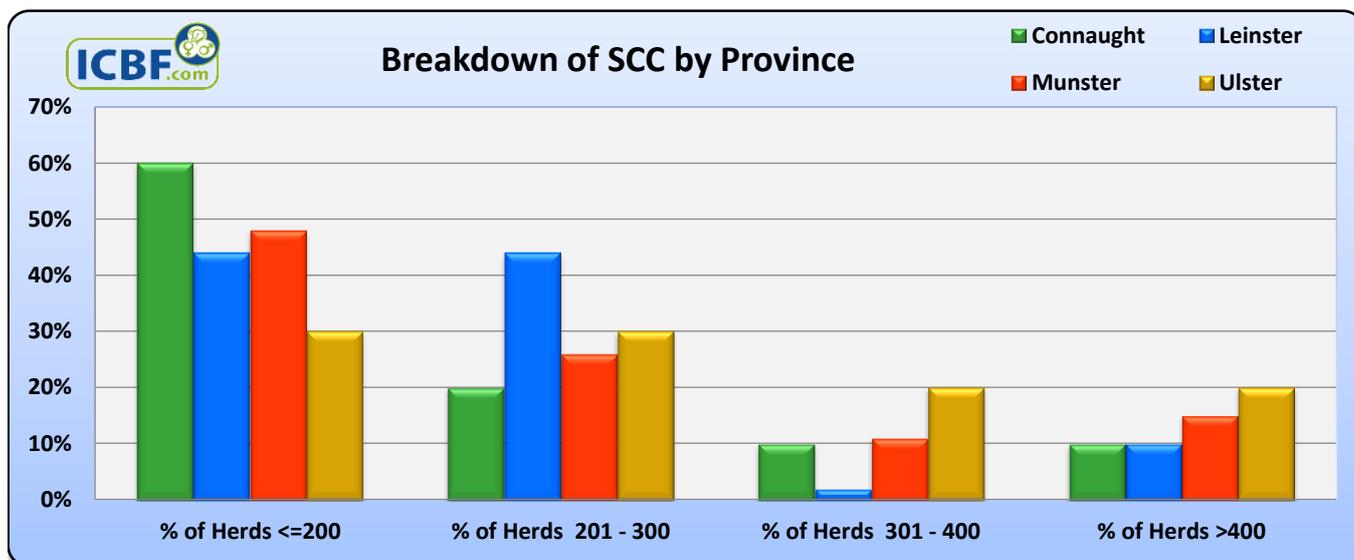
ICBF.com	No. Herds Recorded	No. Cows Recorded	Avg Herd Size	Avg Milk kg/Cow	Average Fat %	Average Protein %	Average F+P kg	Average SCC*
Connaught	10	586	59	19.5	4.15	3.33	1.44	168
Leinster	41	3,625	88	17.9	4.31	3.47	1.38	188
Munster	227	16,141	71	17.5	4.47	3.56	1.39	208
Ulster	10	660	66	17.0	4.42	3.50	1.32	238
National Statistics	288	21,012	73	17.6	4.44	3.53	1.39	205

* Geometric Mean Herd SCC

SCC Distribution for the 10 day period, 07-DEC-2016 To 16-DEC-2016

ICBF.com	No. Herds Recorded	No. Cows Recorded	Avg Herd Size	% of Herds <=200	% of Herds 201 - 300	% of Herds 301 - 400	% of Herds >400	Average SCC*
Connaught	10	586	59	60%	20%	10%	10%	168
Leinster	41	3,625	88	44%	44%	2%	10%	188
Munster	227	16,141	71	48%	26%	11%	15%	208
Ulster	10	660	66	30%	30%	20%	20%	238
National Statistics	288	21,012	73	47%	28%	10%	14%	205

* Geometric Mean Herd SCC



% Herd Breakdown for the 10 day period, 07-DEC-2016 To 16-DEC-2016

ICBF.com	No. Herds Recorded	No. Cows Recorded	Avg Herd Size	Best 20% SCC	Best 40% SCC	Average SCC**	Worst 40% SCC	Worst 20% SCC
Connaught	10	586	59	147	177	187	199	272
Leinster	41	3,625	88	121	183	214	233	269
Munster	227	16,141	71	120	167	209	236	344
Ulster	10	660	66	149	217	244	295	370
National Statistics	288	21,012	73	120	169	210	235	342

** Percentile Herd SCC Rank (Median SCC)

