



# Sheep Ireland Guide & Directory of Breeders

## CHAIRPERSON'S MESSAGE

2020 has been another milestone year for breed improvement for the Irish sheep industry with the launch of our Across-Breed Genomic Evaluations. This might sound like jargon to some but put simply; we are starting to capitalise on the national sheep database to deliver even more accurate Star ratings that identify more profitable sheep for you. When you are going to purchase a new stock ram this year you can be more confident in the decision only to accept 3, 4, and 5 Star rams, as anything else would be a step backwards.

Approximately 50% of the data entering into the Stars each year is from commercial grass-fed flocks, and this comes from a combination of the Central Progeny Test (CPT), Teagasc Better Farms and regular commercial farmers. We have worked hard over the last number of years to build a database and the Sheep Ireland recording App that would be an aid to every farmer in the country who wants to improve their flocks' output by harnessing the power of data. Many farmers already collect some level of data on their flocks.

### Sheep Ireland board of representatives

Key industry stakeholders/groups form part of a Sheep Ireland board which meet regularly throughout the year. A list of all current elected representatives and their contact details are available on the Sheep Ireland website [www.sheep.ie](http://www.sheep.ie).



*James Murphy - Chair of the Sheep Ireland board, sheep farmer from Kilkenny, Charollais pedigree ram breeder and former chairman of the IFA sheep committee.*

If you already collect some data or have been thinking about it, I encourage you to join LambPlus, maximise the power of that data for yourself and the industry.

In the breed improvement business *"If you're standing still, you're going backwards"*.

### James Murphy

Chairperson of Sheep Ireland Board

## NEW FOR 2020



### Sheep Ireland Indexes Are Now Across-Breed

Up to 2020 Sheep Ireland published within breed indexes only – it was not possible for farmers to compare different sheep breeds using their indexes. Thanks to a growing database of Irish sheep performance records, Sheep Ireland can now publish Across Breed Indexes, which enables a farmer to compare sheep of different breeds against each other across the key traits. More on this on page 6.

### Genomic Sheep Evaluations Now Available

Irish sheep farmers can now purchase breeding rams that have a genomic breeding value. This adds a significant amount of accuracy% to the animal's genetic evaluation. It can also verify that the animal's parentage is correct while also providing information on the animals level of scrapie resistance. Ireland is the first country in the Northern Hemisphere to launch across-breed genomic sheep evaluations. More on page 17.

### New Ram Search And Breeder Search Functions

To help Irish sheep farmers easily locate the best genetics for their flock, Sheep Ireland has launched a new online search functions for both rams and ram breeders. There is a wealth of information available here for sheep farmers. More on page 12.



### Sheep Ireland App Improvements

The free Sheep Ireland mobile app is continually being improved with new functionality and features being added annually. This app allows sheep farmers to performance record their flock using their own smartphone. More information on this on page 5.



# PHYSICAL CHECKS AND €UROSTARS MUST GO HAND IN HAND

## Ram NCT

Regardless of what EuroStar Index a ram may have, if the ram is not physically correct, he will not perform as he should. All farmers should carry out a ram NCT (check) on all existing stock rams and rams being considered for purchase. There are five basic things all sheep farmers should consider at – these can be summarised as the 5 T's;

### 1. Timing

Rams should be assessed at least 10-12 weeks prior to breeding for body condition score and to identify any other potential problems. Early detection of physical issues provides a farmer with a chance to get the ram ready for the breeding season.

### 2. Tone

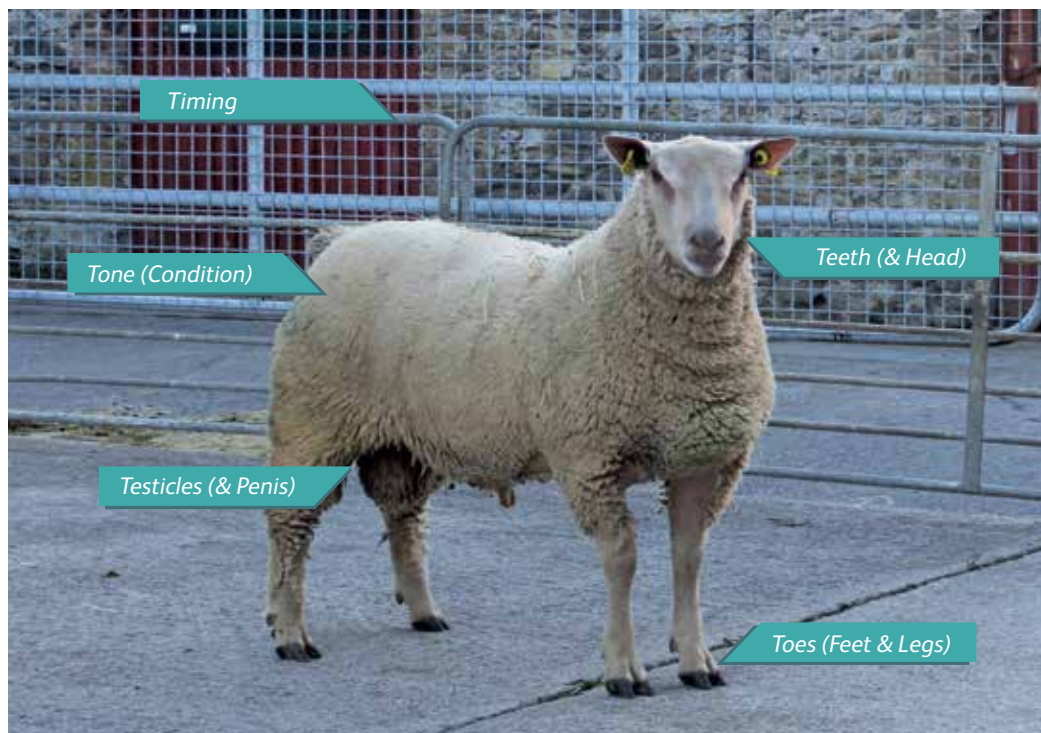
A ram should be in good condition for the annual breeding season. A target condition score of 4 will ensure that the ram is fit and not over fat. Rams will lose some condition over the course of a busy breeding season, so farmers need to ensure that rams are in adequate condition before mating begins.

### 3. Teeth

All breeding ram's teeth should be checked annually. This check should extend to the overall mouth including the molars (side teeth), which should be checked by rubbing the outside of the rams cheeks for bumps/abscesses etc. Correct teeth/mouths are particularly important if replacement females are being retained from an individual breeding ram.



Rams with teeth/mouth issues will struggle to maintain body condition and are not likely to perform to their potential.



### 4. Toes

Checking a ram's toes pertains to checking his feet and legs. Addressing lameness issues is one of the key reasons to assess rams 10-12 weeks before the breeding season. This will allow time to address any potential issues. Farmers should consider culling persistently lame rams and should not retain replacement females from such rams where possible. Rams should also have four strong, straight legs. The hind legs are particularly important when it comes to ram's ability to mate ewes so pay attention here.

### 5. Testicles

Checking rams' testicles is another critical

part of the NCT. Bigger is generally better as these rams will generally produce more sperm. The most important thing however to check is that there are two testicles present. A ram can be fertile with a single testicle, but it may affect the number of ewes he will mate during the breeding season. The ram's testicles should be loose and free from abnormal lumps/bumps. If checking the testicles appears to be causing the ram obvious pain, then this should be investigated closer by a vet. The epididymis (appendage below the testicle) where semen is stored, should be similar in size to a golf ball, and free from lumps. A ram's penis area should also be checked for any obvious signs of injury or infection.

## Final Physical Check

If possible, at mating time, try to spend time watching rams with the ewes. Ensure that the ram is successfully mating with the ewes. All breeding rams should be raddled on their chest area or fitted with a crayon harness to mark each ewe as they are being mated. These raddle/crayon colours can then be changed on the ram/s in advance of the ewes second oestrus cycle (day 14/15 after initial ram introduction). A high number of ewes being marked by the second raddle/crayon will help to identify a fertility issue. If using a team of rams in the same group, it will be difficult to identify an issue with an individual ram. If single sire mating, a ram fertility issue will be obvious using the raddle/crayon. Speak to your agricultural advisor or vet about any breeding issues that you may be having on your farm.



**AVAILABLE  
NOW**

# LambPlus App

**Do you want to performance record your flock but don't know where to start?**

The LambPlus App is for you and available free of charge! This technology is designed to make data recording quicker and easier for LambPlus members to performance record their flocks!

## FEATURES

- Can connect to Bluetooth EID readers (on android devices only)
- Data recorded instantly and loaded to the Sheep Ireland database
- Records off-line with no internet connection, once re-connected the data automatically loads to the database
- **Free trial** of App available by using the username 'demo' and the password 'demo' to get logged in

## WHAT CAN YOU RECORD?

- Mating
- Pregnancy scans
- Lambing information
- Weights
- Health data (mastitis, lameness, BCS, dag scores etc)
- Comments from on-farm inspections

## BENEFITS

- Saves time
- Quick and easy to use
- More accurate data
- Information uploaded straight to database
- Contributes to reports
- Helps identify the most profitable genetics in the flock

## WHERE CAN YOU FIND IT?

Available for download on Android and iOS devices and works well on tablet and phones equally



**DOWNLOAD THE APP FOR FREE  
TODAY, CONTACT 023 882 0451  
TO GET PERFORMANCE RECORDING!**

## UNDERSTANDING THE €UROSTARS

Since 2019, Sheep Ireland's EuroStar evaluations have been **ACROSS-BREED**, meaning farmers can now compare all breeds using the index values attached to each index/trait. These index values can now be used by farmers to find the best genetics available irrespective of breed.

The EuroStar rankings (1-5 Star graphics) attached to each index remain to be a **WITHIN-BREED** ranking, which continues to facilitate farmers and ram breeders to identify the best genetics within a particular sheep breed.



## €uroStars

### How to interpret them

€uroStars attached to an animal remain to be WITHIN BREED, ranking each trait in 20% groupings. The higher the stars, the higher the predicted profitability from that animal within the breed in question.

### €uroStar Categories

★★★★★	5 Stars	Top 20% (Very Good)
★★★★	4 Stars	Top 60 – 80% (Good)
★★★	3 Stars	40 – 60% (Average)
★★	2 Stars	Bottom 20 – 40% (Below Average)
★	1 Star	Bottom 20% (Poor)

# UNDERSTANDING THE €UROSTARS

**Flock DQI** - Data Quality Index scores flocks on their data recording. Data completeness and timeliness are two criteria

**CPT Sire** - This ram was progeny tested in the Sheep Ireland CPT (Central Progeny Test) and a large volume of commercial data is contributing to its genetic evaluation.

**GS** - Grand Sire / **GD** - Grand Dam

**NSIS** - Animals official Department tag number

**Pedigree ID** - Pedigree breed society identity

**Pedigree Name** - Pedigree breed society animal name

**Breed**

**Sex**

**Birth Type**

**Parentage DNA Verified** - Where this message is displayed on a catalogue, the sheep in question has been genotyped and its parentage has been proven to be accurate based on its DNA. Both parents need to be genotyped to allow parentage verification to take place. A genotyped animal will also have a genomic genetic evaluation which significantly improves the accuracy % of the EuroStar indexes.

**M&F Scanned** - An animal from a flock that has been muscle and fat depth measured that year with an ultrasonic scanner by a Sheep Ireland technician. This is very important in helping to predict the confirmation and Kill out % of an animal's progeny.

**Replacement (€2.39)** - If a farmer desires a ram to breed lambs both for slaughter and replacement ewe lambs then they should select a ram based on this index. The bulk of this index is a combination of lamb survivability, ewe mature weight, number of lambs born, daughters' milk and lambing difficulty while also including lamb growth traits. The € value beside the index represents the difference in profit that each lamb sired from this ram will have over and above the average.

**Terminal (€1.93)** - If a farmer desires a ram to breed lambs for slaughter only, then they should select a ram based on this index. The bulk of this index is a combination of lambing traits (lamb survival and lambing difficulty) and growth traits (days to slaughter). The € value beside the index represents the difference in profit that each lamb sired from this ram will have over and above the average.

**Lamb Survivability** - This index ranks animals based on lambing ease and lamb survival rate. Every positive % point on this index is an extra lamb surviving to 48 hours and vice versa. A positive % figure is good here.

**Days to Slaughter** - This index ranks animals on their genetic ability to grow. The index associated with this trait represents the difference in the predicted number of days required for the progeny of this ram to reach the desired slaughtered weight compared with other animals. A minus figure is good here.

**Daughters Milk** - This index ranks animals based on the predicted milking performance of its daughters compared with other animals. Again, a positive economic figure should be looked for here if trying to improve this trait in your flock.

**Number of Lambs Born** - This index ranks animals based on the predicted prolificacy of the females from this animal compared with other animals. A positive economic figure should be sought after on this trait.

<b>Lot: 1</b>	<b>Owner: John Farmer (DQI: 81%); Castletroy, Tully, Co. Kerry</b> <b>Breeder: John Farmer; Castletroy, Tully, Co. Kerry</b>		<b>15/07/2020</b>
<b>Animal</b>	<b>Ancestry</b>	<b>€uroStars</b>	
<b>IE041234503204B</b>	GS Stonehill Wagner CAT15003	<b>Replacement (€2.39)</b>	<b>Terminal (€1.93)</b>
<b>DEF1901585</b>	GD Star Wonder FAN13095	Acc 52% Rank Top 3%	Acc 53% Rank Top 4%
<b>Tully Tank</b>	<b>Opel Yemen Boy (CPT Sire)</b>	★★★★★★	★★★★★★
<b>DOB: 04-Mar-2019</b>	DAB16069	<b>Lamb Survivability (0.7%)</b>	Poor 0% Top 10% V 100% Acc 53% ^
<b>Texel</b>	<b>Bally Dam</b>	<b>Days to Slaughter -11.96 days</b>	0% Top 2% V 100% Acc 62% ^
<b>Male</b>	ABC14013	<b>No. of Lambs Born (€0.24)</b>	0% Top 6% V 100% Acc 53% ^
<b>Twin</b>	GS Castle Ugene CAS13008 (CPT Sire)	<b>Daughters Milk (€1.72)</b>	0% Top 6% V 100% Acc 54% ^
<b>Parentage DNA Verified</b>	GD Bally Superstar ABC11088		
<b>M &amp; F Scanned: Yes</b>			
<b>Comment:</b>			

# FLOCK LINKAGE – KEY TO €UROSTAR EVALUATIONS

## What is Flock Linkage?

It refers to how genetically related/connected a performance recording flock is to other performance recording flocks. Flock linkage is critical to providing accurate genetic evaluations. Flocks become linked by sharing rams with other LambPlus flocks within the same season.

## Why is Flock Linkage Important?

To strip away the effects that the environmental conditions and management type can have on an animal's performance, we need genetic linkage between flocks. Analyzing how the same genetics perform across different flocks allows us to make fair and accurate comparisons between flocks.

## What is the Impact of a Flock Being Unlinked?

Without flock linkage it is very difficult for the evaluation to determine if lamb performance is due to genetics or due to the environment the lambs have been raised in.



Flocks that are unlinked will only have a within flock evaluation. Therefore, you cannot reliably compare the EuroStar index of sheep from unlinked flocks with EuroStars of sheep from other flocks.

## How to Identify 'Linked' and 'Unlinked' Flocks?

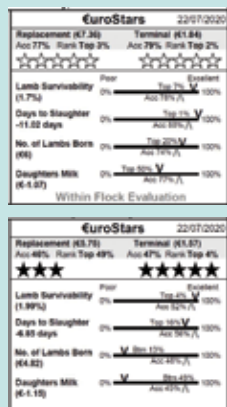
Since 2019, to help farmers identify linked and unlinked flocks, Sheep Ireland have changed the way EuroStars are displayed (see below).

### Unlinked Flocks

These flocks will appear like the example shown (white EuroStars displaying). The genetic evaluations for these animals are only within the breeder's flock, so this EuroStar evaluation cannot be compared to other sheep. Therefore, these evaluations are of very limited value.

### Linked Flocks

EuroStars from **Linked** flocks will be displayed in black. When purchasing a ram, farmers should always aim to purchase from Linked flocks where possible.



# ACCURACY % - KEY FIGURE

The accuracy % attached to EuroStar evaluations is an extremely important piece of information that farmers should pay a lot of attention to. Accuracy % is displayed for each individual index and represents the amount of data behind that specific index. Where Accuracy % is Poor, a considerably lower emphasis should be placed on the evaluation information, however where Accuracy % is Good or V.Good a considerable emphasis can be placed on the evaluation when making a breeding decision.

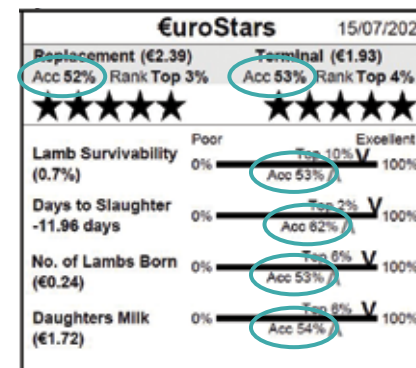


Where Accuracy % is less than 10%, Sheep Ireland do not display the evaluation information for that index.

## Acc % parameters

V. Poor	0% - 15%
Poor	16% - 29%
Fair	30% - 39%
Good	40% - 54%
V. Good	55% and above

Below highlights were the Accuracy % is displayed on ram sale catalogues.



## Factors that Affect the Accuracy %

Accuracy % is a reflection of the amount of data available for a particular animal. The more information that is available for an animal and its bloodline, the higher its accuracy % will be. Higher accuracy %, results in more dependable EuroStar evaluations. Low accuracy % evaluations are less dependable and may be subject to change as more data is recorded for that bloodline into the future.

Average accuracy % is increasing year on year as more data is added to our data base. Ram lambs that are genotyped can expect an Accuracy increase of about 18%.

## Why Do EuroStar Evaluations Change?

The EuroStar evaluations are based on the most up to date information at any given time. As more new information becomes available this will be reflected in the animals EuroStars. This could mean the animals EuroStars increasing or decreasing, depending on the new data. Using high accuracy % bloodlines will help minimise evaluation movements.



## COMBATING LOW ACCURACY %



### Using the 'Ram Team' Concept

The threat posed by low accuracy % affects genetic evaluations across all species. It takes several years to build accuracy % and performance data on a bloodline. In the dairy industry, low accuracy % evaluations are combated by using 'teams' of bulls. When purchasing AI straws, a small number of straws from a large number of high Index bulls are used. Over time, with more data, one or two bull's indexes may drop while one or two bull's indexes will increase. The average genetic index of the 'team' will not be impacted hugely. The herd still makes genetic progress.

This principle is very relevant to the Irish sheep industry as most Irish farmers use a number of rams annually – this creates the 'team' effect. So, the same concept used in dairy and elsewhere to limit the damaging effect of low accuracy % can be used to deliver genetic gain in a flock over a number of years.

### Top Tips in Relation to Accuracy %

- Try to purchase rams with as high an accuracy % as possible
  - This shows that there is a lot of data recorded for this bloodline

- Purchase genotyped rams
  - Genotyped rams will have genomic genetic evaluation which considerably boosts the accuracy % of the EuroStar indexes (see more on genomics on page 17)
- Purchase from high Data Quality Index (DQI) LambPlus ram breeders
  - A high DQI illustrates that a breeder has recorded a high proportion of the data requested by Sheep Ireland annually (see page 15 for more on DQI)
- Purchase rams that have Central Progeny Test (CPT) data in their background (see page 16 for more on the CPT)
  - The CPT is a ram testing programme which generates a large volume of commercial flock data on Irish sheep breeds annually.
  - Purchasing rams with CPT tested sires in their ancestry is very desirable as this will result in higher accuracy %
  - CPT rams have been tested in commercial conditions on large grass based farms, so this background data should be sought after by purchasers



## FINDING €UROSTAR RAMS

There are a range of options available to both pedigree ram breeders and commercial farmers who are looking to find a high EuroStar performance recorded ram.

### New Online Ram and Breeder Searches Launched this Year!

The Sheep Ireland online ram and breeder searches can be found on [www.ramsearch.ie](http://www.ramsearch.ie) or on the Sheep Ireland homepage ([www.sheep.ie](http://www.sheep.ie)). These search facilities are a great source of information for anyone trying to source a breeding ram in Ireland.

Sheep Ireland launched a new and improved online EuroStar ram search in 2020. Rams can be searched for based on breed, location, age and EuroStar index value. A new online breeder search facility was also launched allowing users to search for performance recording ram breeders by breed and county.



Take a picture of this QR code on your smartphone to go directly to the new online Sheep Ireland Ram Search.

### Directory of LambPlus Breeders

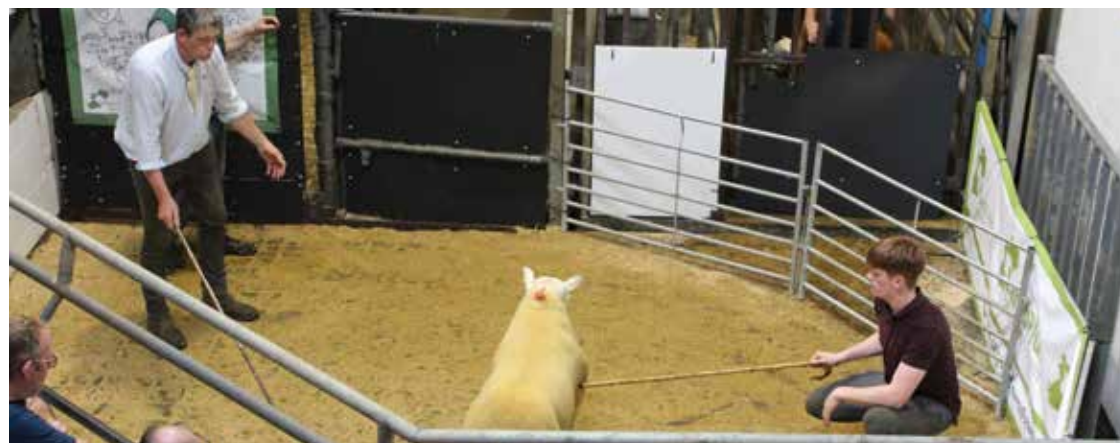
A full list of LambPlus performance recording breeders can be found at the back of this publication. These breeders have EuroStar rams available for sale in 2020.

### Sheep Ireland Multi-Breed Ram Sale

This sale takes place on **the fourth Saturday of August each year in Tullamore mart (Sat 22nd Aug in 2020)**. Some of the best sheep genetics in the country are presented for sale here annually. A sales catalogue for this annual sale is available via the Sheep Ireland website approximately a week in advance of the sale.

### Breed Society Ram Sales

The vast majority of breed society sales will have EuroStar evaluations included in their sales catalogues, but we would always recommend that you contact the relevant breed society in advance of any society ram sale to ensure that this is the case. A list of society contacts can be found in this directory.



# RAM PURCHASING ADVICE

Michael Gottstein – Head of Teagasc Sheep Knowledge Transfer

Buyers of all rams are reminded to manage them carefully in the initial weeks after purchase. A change of environment and feed has the potential to cause upset for any animal, especially for young animals. As a result, management of newly purchased rams needs to be optimal.

## Practical Tips When Buying Rams

- **Buy early** – Allow rams some time to become acclimatised to their new surroundings and feed. If rams will be used in a team in the same group of ewes, they should be familiar with other rams in advance of mating to minimise fighting.
- **Ram history** – Talk to the breeder/seller of your ram. Ask about health treatments, vaccinations, any specific farm issues, lameness etc.
- **After purchase care** – it is a good idea to quarantine the ram for a period of time to assess if he is carrying any disease such as CODD, scab etc. Treat any purchased sheep for stomach worms/scab with two injections of Ivermectin 7 days apart and a fourth-generation wormer (Zolvix/Startect) to prevent the importation of anthelmintic resistant worms onto your farm. On wet farms a double treatment for fluke (two different products effective against immature fluke) will also help to guard against anthelmintic resistant liver fluke.
- **Vaccinate** all purchased rams against Clostridial diseases and pasteurella as per your own flock health protocol. Do not assume that the previous owner has done this correctly. This will require two injections four to six weeks apart. One dead ram will pay for a lot of vaccine.
- **Feeding** – The ram is very likely to have been fed some level of concentrates in advance of sale. Discuss with the vendor as to the type and quantity of concentrate feed that rams have been consuming. If a ram is being fed before sale, this feeding should continue for a period. Wean the ram off this concentrate feeding gradually.
- **Fertility** – To identify fertility issues raddling the chest of the ram is critical. Use a crayon and harness or raddle powder which can be made into a paste by mixing it with oil. Change colour every 7-14 days to detect ram fertility problems ASAP. Ideal colour sequence is Yellow, Orange, Green, Red, Blue and finally Black. Bucket feeding rams will facilitate applying raddle more easily, reducing the need to unnecessarily disturb ewes.
- **Fertility contd.** – A raised body temperature will kill any semen in the testes. Antibiotic treatment will not kill semen but will help to address the infection which is causing a high temperature. It can take semen up to 8 weeks to replenish for successful mating once killed off by a high temperature.
- **Ram to ewe ratios** – Typically ram lambs should not be overworked in their first year, mating with no more than 25 ewes. Hogget rams could be expected to mate with up to 40 ewes. Avoid running ram lambs alongside mature rams as this may risk injury and/or bullying.
- **Existing rams on the farm** - Carry out a physical assessment/NCT (see pages 3-4) well in advance of mating (12 weeks or more). Ask yourself some important questions, what rams will I need this year? Can I avoid inbreeding using my current ram? Are all current rams fit for purpose (in good health etc)? Rams in poor condition will take considerable time to build body weight, so the earlier rams are assembled and assessed each year, the better.

# €UROSTAR INDEXES

What goes in?

A huge amount of data is collected in LambPlus flocks to construct the EuroStar Indexes. This data is submitted by the LambPlus members themselves and collected independently by Sheep Ireland technicians during flock visits. The graphic below illustrates the key data recording events for LambPlus members throughout the year.



## Important Points to Note

- Over 50% of the data used in the EuroStar evaluations now comes from commercial grass-based sheep flocks.
- The majority of the data included in the EuroStar indexes is now independently collected by field technicians, from commercial flocks involved in various Sheep Ireland or Teagasc programmes
- and via flock visits to pedigree ram breeders throughout the year by a Sheep Ireland technician.
- Data being submitted by all sources is monitored on a constant basis by automated database checks and Sheep Ireland staff to ensure high levels of data integrity.



## DQI – DATA QUALITY INDEX

The **Data Quality Index (DQI)** scores LambPlus flocks on the quality, quantity, and timeliness of their data recording throughout the year. The DQI appears as a % figure on all EuroStar sale catalogues and on the Sheep Ireland online breeder and ram search found at [www.sheep.ie](http://www.sheep.ie).

Lot: 1	Owner: John Farmer (DQI: 81%); Castletroy, Tully, Co. Kerry Breeder: John Farmer; Castletroy, Tully, Co. Kerry	
<b>Animal</b> IE041234503204B DEF1901585 Tully Tank	<b>Ancestry</b> Stonehill Wagner CAT15003 Star Wonder FAN13095	<b>EuroStars</b> 15/07/2020 Replacement (€2.39) Acc 52% Rank Top 3% ★★★★★ Terminal (€1.93) Acc 53% Rank Top 4% ★★★★★

### The Three Main Elements of the DQI Are as Follows;

- **Quality** – Does the data demonstrate realistic variation across the various traits being recorded, ie lamb mortality, lambing difficulty, lamb weights etc. For all traits, there are expected levels of variance and these are a great indicator of data quality.
- **Quantity** – Has the breeder recorded all the required data for their flock, ie lambing information for all ewes, weights for all lambs born etc. Thorough data recording is beneficial to the users of the EuroStars as it maximizes the accuracy % of the indexes.
- **Timeliness** – Has the breeder submitted their data to Sheep Ireland in a prompt manner. Prompt entry of data to Sheep Ireland reduces the risk of data error and/or loss. Late data entry has the potential to cause index movements coming into the ram sale season which is very undesirable for both ram breeders and ram buyers alike.

A high DQI is an indicator that the breeder in question is more engaged in performance recording and this has been demonstrated in practice with high DQI breeders making more

genetic gain on both the replacement and terminal index than low DQI flocks.

The DQI scores breeders from 0 - 100%. A rough guide for ram purchasers on DQI scores is as follows;

- DQI in excess of 90 % is excellent
- DQI above 80 % is very good
- DQI above 70 % is good
- DQI above 60 % is average

Sheep Ireland do not publish EuroStar indexes for breeders where their DQI is lower than 30%. The minimum DQI required for the annual Sheep Ireland multibreed ram sale in Tullamore is 70%.



## COMMERCIAL SHEEP DATA DRIVING THE €URO-STAR EVALUATIONS

Over 50% of the data entering the Sheep Ireland database annually now comes from commercial grass-based flocks.

### Sources of this commercial data include;

- The Sheep Ireland Central Progeny Test (CPT) flocks
- The Teagasc BETTER Farm programme & OviData participating flocks
- Teagasc sheep research flocks
- Independent commercial flocks involved in LambPlus



These flocks use pedigree EuroStar rams for mating with their ewes, and all the data collected on the subsequent lambs born contribute to the EuroStar evaluations published for Irish sheep farmers.

One of the areas where EuroStars are demonstrating rewards for the industry is in lamb weight gain. Lambs are weighed regularly on the CPT and Teagasc BETTER Farm flocks, and this allows us to compare the performance of different bloodlines and EuroStar rated rams. The results show that progeny from 5-Star Terminal rams are outperforming their 1-Star counterparts throughout their lifetime. Using the 40-day weight as an example, lambs sired by 5-Star

Terminal rams are weighing on average 1.0kg heavier than their 1-Star equivalents. This trend continues up until the animals are 150 days old, where again, the lambs sired by 5-Star Terminal rams, weigh on average 2.2kg heavier than the 1-Star lambs. These lambs are followed right through to slaughter and our data also shows that lambs sired by 5-Star Terminal rams are slaughtered 14 days sooner than lambs sired by 1-Star rams in these commercial flocks.

In Summary, selecting 5-Star rams on the Terminal Index to breed lambs destined for slaughter results in increased lamb weight gain, and progeny reaching slaughter at a younger age.

Trait	★	★★★★★	Diff
40-Day weight (kg)	19.6	20.6	1kg
100-Day weight (kg)	32.8	34.4	1.6kg
150-Day weight (kg)	40	42.2	2.2kg
Age at Slaughter (Days)	187	173	-14 Days

**Table 1:** Data from 2017, 2018 and 2019 from the CPT and OviData flocks. The results show that using 5-Star Terminal Rams reduces lambs age at slaughter by 14 days compared to 1-Star Rams.

For commercial farmers interested in performance recording their flock, it has never been easier to do so with the new **free LambPlus app**. If you are interested in performance recording your flock, contact us today on **023 882 0451**.

# GENOMICS

A New Era in Sheep Breeding has arrived

Genomics is a new technology that is now being harnessed by the Irish Sheep Industry. This technology has a lot to offer ram breeders, sheep breed societies, commercial farmers, and the industry as a whole. With over 40,000 Irish sheep now genotyped, this bank of data is having a major impact on the accuracy % of the EuroStars being produced by Sheep Ireland.

## Parentage Validation and Predictions

Incorrect animal parentage leads to an incorrect EuroStar Index. The EuroStars available for a ram lamb on the day of sale is heavily influenced by its family tree and data collected on that entire bloodline. Currently, approximately 7 % of pedigree animals have an incorrect sire recorded, and 4.5 % have the incorrect Dam. From mating to lambing and tagging lambs, there is always the potential for errors in recording accurate parentage to occur. Genomics can now identify and correct these errors. Across all genotyped pedigree animals, when a sire error is identified based on the genomic test, in 44 % of cases we can identify the correct sire. If we look only at the more recent 2019 born animals, this prediction rate increases to almost 60 % . Over



time as genotyping becomes more prevalent this will grow further.

## Genomic Evaluations ➔ Increased Confidence

For the first time, genomic evaluations are available for sheep in Ireland. Genomic evaluations offer us more accurate EuroStar evaluations on younger animals at an earlier stage of their life. 100's of genomically tested ram lambs are available for sale in 2020 and can be seen with accuracies above 60 % . To put this in perspective, the average accuracy of animals in 2010 premier sale catalogues was close to 15 % .

These rams can also be identified via [RamSearch.ie](https://www.ramsearch.ie).



# INZAC: TESTING THE ROBUSTNESS OF THE REPLACEMENT INDEX

The importance of genetics cannot be over-stated; approximately 50 % of productivity gains at farm level can be attributed to genetics alone. Therefore, an improvement in genetics has the potential to increase Ireland's agricultural competitiveness. Improvements in genetic merit are achievable through the implementation of a robust national breeding programme which can help to ensure that Ireland is breeding the type of sheep suitable for its system.

The main objectives of the Ireland vs New Zealand across breed animal comparison study (INZAC flock) was:

- to validate the robustness of the Irish Replacement Index as developed by Sheep Ireland and
- to compare Irish versus New Zealand genetically elite animals.

The breeding flock in Teagasc Athenry, where the INZAC study was conducted, comprises of approximately 340 ewes in total, including ewes of Irish and New Zealand origin and breeds including Suffolk, Texel and Belclare. The INZAC study began in 2016, when 180 of the ewes selected for the study were divided into groups of sixty according to their country of origin (Ireland or New Zealand) and their Replacement Index (High Replacement index; 5 stars or Low Replacement Index; 1 star). Each group contained an equal amount of Suffolk and Texel ewes. Detailed performance recording was carried out annually from 2016 to 2019.



## The Results

Differences between the High Replacement Index ewes and the Low Replacement Index ewes, of Irish origin, are displayed below. Although significant differences do not always exist between the two groups, animals who ranked highly on the Replacement Index, scored numerically better across all traits with the exception of lambing difficulty. Therefore, collectively indicating the advantages of breeding 5-Star ewes and the increase of on-farm profitability due to an increase in litter size, reduced mortality rates and a much greater percentage of lambs being finished from grass earlier in the year. These results are broadly in-line with previous studies carried out by Sheep Ireland using commercial data uploaded to the database.

Group	Replacement Index		Diff
	High	Low	
Litter size	1.75	1.72	0.03
Lambing difficulty ( % )	26	24	2
Lamb Birth weight (kg)	5.2	5.1	0.1
Lamb mortality within first 24hrs ( % )	8	11	-3
Weaning Weight (kg)	32	31	1
Days to Slaughter (days)	165	175	-10
Finished from Grass ( % )	82	69	13

## FLOCK VISITS PROVING A HIT

Flock visits to LambPlus flocks from a Sheep Ireland technician began in January 2019 and are now an integral part of the breed improvement program. Flock visits started as a result of breeder and industry feedback. Breeders wanted Sheep Ireland to have more of a presence on the ground, and so a full-time position was put in place. Flock visits allow LambPlus members to talk one-to-one with a Sheep Ireland technician about any aspect of performance recording and how they can use the data they are collecting to help make better management decisions.

The visits are delivering **multiple benefits**, including:

- One to one with LambPlus members – discussing all aspects of the EuroStars
- Education of LambPlus members – how & when to collect data correctly
- Data collection – all sheep are weighed and scored for health traits during each flock visit
- Advice - how to maximise genetic gain in their flocks
- Building confidence in the EuroStars – The data recorded on the day allows Sheep Ireland to validate previously submitted data by the breeder, and where issues are identified, action can be taken.

While Covid-19 had an impact on the momentum of flock visits in 2020, they are now underway again. To date our Sheep Ireland flock visit technician has recorded over 25,000 weights & health records across pedigree and commercial flocks.



Overall, we are delighted with the positive response we have received from LambPlus members and to see the level of detail that breeders are going to when recording data on farm. The challenge is to help breeders become more confident in using the LambPlus App and webscreens to submit the data to Sheep Ireland. This will be a combination of further breeder education and continued improvements to the App and Sheep Ireland website.

## SHEEP SOCIETY/ASSOCIATION CONTACTS

Society	Name	Phone	Website / Email
<b>Belclare Sheep Society</b>	Michael Neenan	087 2777721	www.belclaresheep.com belclaresec@gmail.com
<b>Beltex Sheep Society'</b>	Catherine McDonnell	086 3770002	www.beltexsheep.com beltex007@yahoo.ie
<b>Bluefaced Leicester Sheep Society</b>	Tom Staunton	087 2607883	www.blueleicester.co.uk tstaunton17@gmail.com
<b>Blue Texel Sheep Society Ltd</b>	Phillip Crowe	086 0743931	irishbluetexel@gmail.com
<b>Charollais Sheep Society</b>	Joe Nolan	087 8539652	www.irishcharollaisheep.net icss.sec@gmail.com
<b>Easy Care Sheep Society</b>	Laurence Clerkin	087 2494854	www.easycareheep.com laurence.c@clerkinfinancial.com
<b>Galway Sheep Breeders Association Ltd</b>	Tom Murphy	087 9486530	www.galwaysheep.ie info@galwaysheep.ie
<b>Hampshire Down Sheep Society</b>	Adrian Curtin	086 8302300	www.hampshiredownireland.com adrianp.curtin@gmail.com
<b>Île-de-France Sheep</b>	William J Hutchinson	086 2510899	william@pedigreesheep.com
<b>Lleyn Sheep Breed Society</b>	Fergal Leonard	087 7605776	www.lleynsheep.com lleynsheepireland@outlook.com
<b>Mayo - Connemara Sheep Breeders Association</b>	John Noonan	087 2789936	www.mayoblackface.com John.noonan@teagasc.ie
<b>Rouge de l'Quest Society</b>	Claire Keaskin	087 9406539	View Facebook page irishrougesheepsociety@gmail.com
<b>Shropshire Sheep</b>	Brendan Kirke	086 8540996	www.shropshire-sheep.co.uk bkirk1961@gmail.com
<b>Irish Suffolk Sheep Society</b>	Anne Mitchell	086 2428554	www.irishsuffolksheepcompany.com annemitchellcross@gmail.com
<b>Suffolk Sheep Society</b>	Robin McIlrath	0044 02825632342	www.suffolksheep.org enquiries@suffolksheep.org
<b>Texel Sheep Society</b>	Sinead Brophy	087 3552992	www.irishtexel.com info@irishtexel.com
<b>Vendeen Sheep Society</b>	Cheryl O' Brien	086 8525588	www.vendeensheep.ie cherylobrien1@yahoo.com
<b>Zwartbles Sheep</b>	Francis Lyons	086 2676697	www.zwartblesireland.com fglyons@gmail.com
<b>National Sheep Breeders Association of Ireland</b>	Sinead Brophy	087 3552992	www.nsba.ie nsbaireland@gmail.com
<b>Kerry Blackface Breeders Association (Dingle)</b>	Denis Galvin	086 6095081	View Facebook page dinnygalvin70@gmail.com



# LAMBPLUS DIRECTORY 2020

## Belclare

Name	Address	County	Mobile	No. of Ewes Lambded
Laurence Barrett	Carlow	<b>Co. Carlow</b>	086 8552452	31 - 50
Frederick Hunter	Tullow	<b>Co. Carlow</b>	085 8723988	< 10
John Kennedy	St. Mullins	<b>Co. Carlow</b>	087 4686863	10 - 30
Ronan Fitzpatrick	Belturbet	<b>Co. Cavan</b>	087 9062688	< 10
Neil & Ann Ford	Ballyjamesduff	<b>Co. Cavan</b>	086 8874545	10 - 30
John & Sophie Reilly	Butlersbridge	<b>Co. Cavan</b>	086 8189274	10 - 30
Liam Wixted	Broadford	<b>Co. Clare</b>	085 2347078	< 10
Jeremiah Anthony Collins	Dunmanway	<b>Co. Cork</b>	086 8036063	< 10
Hannah Kate & Thomas Finn	Mitchelstown	<b>Co. Cork</b>	086 3400369	10 - 30
Ann Gayson	Enniskeane	<b>Co. Cork</b>	086 2796044	10 - 30
Michael Gottstein	Dunmanway	<b>Co. Cork</b>	087 2399755	51 - 70
Henry Kee	Ballybofey	<b>Co. Donegal</b>	087 2564292	10 - 30
Liam & JJ McDermott	Moville	<b>Co. Donegal</b>	087 2397000	10 - 30
Christopher McLaughlin	Clonmany	<b>Co. Donegal</b>	086 0598243	< 10
Patrick & Brendan Monagle	Malin	<b>Co. Donegal</b>	086 1256303	< 10
Eoghan Barrett	Ballinasloe	<b>Co. Galway</b>	087 7690793	> 70
Teagasc C/O Henry Walsh	Athenry	<b>Co. Galway</b>	087 7690677	> 70
Barry Cunningham	Tuam	<b>Co. Galway</b>	087 7792129	10 - 30
Sonny Jennings	Tuam	<b>Co. Galway</b>	087 2198913	10 - 30
Tim Keady	Caherlistrane	<b>Co. Galway</b>	086 8414063	51 - 70
John McTigue	Tuam	<b>Co. Galway</b>	087 9135865	51 - 70
Paraic O'Dea	Athenry	<b>Co. Galway</b>	085 7745928	10 - 30
Daniel McKenna	Killarney	<b>Co. Kerry</b>	086 6094915	10 - 30
Michael Neenan	Tralee	<b>Co. Kerry</b>	087 2777721	10 - 30
Antaine T O Shea	Tralee	<b>Co. Kerry</b>	087 2272145	10 - 30
Shane Carroll	Castledermot	<b>Co. Kildare</b>	087 3211715	10 - 30
Liam Delaney	Athy	<b>Co. Kildare</b>	087 6471134	31 - 50
John Murphy	Kilcock	<b>Co. Kildare</b>	087 2771595	10 - 30

## Belclare continued

Name	Address	County	Mobile	No. of Ewes Lambded
Frank Campion	Ballydaniel	<b>Co. Kilkenny</b>	087 2189582	< 10
John Renehan	Johnstown	<b>Co. Kilkenny</b>	086 8153324	> 70
David Cooke	Portlaoise	<b>Co. Laois</b>	085 7703926	< 10
Jimmy Hannon	Kilmaine	<b>Co. Mayo</b>	087 2300403	10 - 30
Charles J Hughes	Westport	<b>Co. Mayo</b>	086 3897646	10 - 30
Patrick Lynch	Ballina	<b>Co. Mayo</b>	087 9751888	10 - 30
Pat & Alison Gogan	Drogheda	<b>Co. Meath</b>	086 8220833	< 10
Ciaran Coughlan	Ferbane	<b>Co. Offaly</b>	086 8229900	< 10
Liam & Eoin Dunne	Tubber Moate	<b>Co. Offaly</b>	086 8552730	31 - 50
Paul Smyth	Tullamore	<b>Co. Offaly</b>	087 6781673	10 - 30
Declan & Joe Miley	Knockcroghery	<b>Co. Roscommon</b>	086 8620013	10 - 30
Christy, Margaret & Brian Gallagher	Ballymote	<b>Co. Sligo</b>	087 2875448	< 10
Richard & John Lalor	Clonmel	<b>Co. Tipperary</b>	086 1223478	51 - 70
Eunan & Mark Bannon	Mullingar	<b>Co. Westmeath</b>	086 8560183	> 70
Roy Butler	Mullingar	<b>Co. Westmeath</b>	087 2030333	> 70
Patrick Doyle	New Ross	<b>Co. Wexford</b>	087 2823103	< 10
Mary Kelly	Ashford	<b>Co. Wicklow</b>	087 2480695	< 10

## Beltex

Seanie Dorgan	Cork	<b>Co. Cork</b>	087 2789093	< 10
Trevor Burke	Tuam	<b>Co. Galway</b>	086 1606565	< 10
Cyril Keane	Clarenbridge	<b>Co. Galway</b>	087 6655701	10 - 30
Thomas Kenny	Ballinasloe	<b>Co. Galway</b>	087 2221322	< 10
James & Cormac Killilea	Clarn Bridge	<b>Co. Galway</b>	087 6184182	10 - 30
Niall Kyne	Oughterard	<b>Co. Galway</b>	087 6547265	< 10
Geraldine & Colm Lyons	Ballinasloe	<b>Co. Galway</b>	086 2676697	< 10
John Duggan	Tralee	<b>Co. Kerry</b>	087 2220547	10 - 30
Alan Cuddy	Portlaoise	<b>Co. Laois</b>	087 2769992	10 - 30
Sean & Ryan Cuddy	Portlaoise	<b>Co. Laois</b>	087 4457756	< 10
Sean McCartney	Ballacolla	<b>Co. Laois</b>	087 9445270	10 - 30
David Pearson	Ballacolla	<b>Co. Laois</b>	086 3471374	< 10

## Beltex continued

Name	Address	County	Mobile	No. of Ewes Lambled
Dermot Goss	Dundalk	<b>Co. Louth</b>	087 6139732	10 - 30
Jimmy Burke	Castlebar	<b>Co. Mayo</b>	087 7753691	31 - 50
Colm Curran	Trim	<b>Co. Meath</b>	086 3699206	10 - 30
Stephen & Michaela Mulvey	Dunboyne	<b>Co. Meath</b>	087 4084800	10 - 30
Stephanie & Hugh O'Connor	Ballivor	<b>Co. Meath</b>	086 1952225	10 - 30
Brid Collison	Birr	<b>Co. Offaly</b>	087 2623725	< 10
Brian Mathews	Killeigh	<b>Co. Offaly</b>	087 2658781	51 - 70
Paul Smyth	Tullamore	<b>Co. Offaly</b>	087 6781673	10 - 30
Colin McLoughlin	Castlerea	<b>Co. Roscommon</b>	086 2613884	< 10
Michael R Walsh	Riverstown	<b>Co. Sligo</b>	086 0659313	< 10
John & Dudley Maher	Roscrea	<b>Co. Tipperary</b>	087 6437435	31 - 50
Michael McGrath	Mullingar	<b>Co. Westmeath</b>	087 1347366	10 - 30
Paul M Slevin	Mullingar	<b>Co. Westmeath</b>	087 6527616	10 - 30

## Bleu du Maine

Roy Butler	Mullingar	<b>Co. Westmeath</b>	087 2030333	10 - 30
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## Blue Texel

James Nolan	Fenagh	<b>Co. Carlow</b>	087 8539652	< 10
Philip Crowe	Carrigan	<b>Co. Cavan</b>	086 0743931	10 - 30
Patrick Hartigan	Doolin	<b>Co. Clare</b>	087 2436792	< 10
James Flaherty	Dunmore	<b>Co. Galway</b>	086 8563301	< 10
Ann & John Gunning	Ballymoe	<b>Co. Galway</b>	086 2346720	< 10
Kieran & Kevin Swift	Williamstown	<b>Co. Galway</b>	083 8674251	< 10
Kieran Moran	Ballina	<b>Co. Mayo</b>	086 3884968	< 10
Hilary & Malcolm Workman	Monaghan	<b>Co. Monaghan</b>	086 8211847	< 10
Vicky Collison	Birr	<b>Co. Offaly</b>	087 4187475	31 - 50
John J Brennan	Roscommon	<b>Co. Roscommon</b>	086 8179246	< 10
John And Sol Trundle	Athlone	<b>Co. Roscommon</b>	086 1705144	< 10
William Jones	Nenagh	<b>Co. Tipperary</b>	087 2625051	< 10

## Blueface Leicester

Name	Address	County	Mobile	No. of Ewes Lambled
Tom Staunton	Tourmakeady	<b>Co. Mayo</b>	087 2607883	10 - 30

## Border Leicester

Coote Geelan	Carrick-On-Shannon	<b>Co. Leitrim</b>	087 9490045	10 - 30
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## Charollais

Sinead & Eoin Brophy	Kellistown	<b>Co. Carlow</b>	087 0545354	31 - 50
Frederick Hunter	Tullow	<b>Co. Carlow</b>	085 8723988	< 10
Edward & Helen Malone	Kilbride	<b>Co. Carlow</b>	087 2609779	51 - 70
James Nolan	Fenagh	<b>Co. Carlow</b>	087 8539652	51 - 70
David Argue	Drung	<b>Co. Cavan</b>	087 2444560	31 - 50
Alan Garland	Drung	<b>Co. Cavan</b>	087 2746500	10 - 30
Andrew Gilmore	Kingscourt	<b>Co. Cavan</b>	086 1525654	31 - 50
James & Kenny Murdock	Cootehill	<b>Co. Cavan</b>	086 8290009	10 - 30
Andrew Reilly	Cootehill	<b>Co. Cavan</b>	087 6528919	31 - 50
Aidan Collins	Sixmilebridge	<b>Co. Clare</b>	087 9290884	10 - 30
Fiacre & Joy Hensey	Barefield	<b>Co. Clare</b>	086 8265999	< 10
Gerald & Paula O'Leary	Newmarket-On-Fergus	<b>Co. Clare</b>	086 8836936	51 - 70
Eamonn Quinlivan	Tulla	<b>Co. Clare</b>	087 6493472	51 - 70
Edward Buckley	Macroom	<b>Co. Cork</b>	087 7721969	51 - 70
Chrystel Deane	Dunmanway	<b>Co. Cork</b>	087 9163667	51 - 70
Pamela Deane	Macroom	<b>Co. Cork</b>	087 2381805	31 - 50
Albert Ferguson	Whitescross	<b>Co. Cork</b>	087 9233985	31 - 50
Michael Gottstein	Dunmanway	<b>Co. Cork</b>	087 2399755	10 - 30
Jim & Frampton Jeffery	Midleton	<b>Co. Cork</b>	086 3339010	> 70
Alan & Mark Jennings	Leap	<b>Co. Cork</b>	087 3535971	10 - 30
Diane Murphy	Bantry	<b>Co. Cork</b>	086 1650247	< 10
Thomas J O'Keeffe	Castletownroche	<b>Co. Cork</b>	086 0881101	> 70
Maria Philpott	Kanturk	<b>Co. Cork</b>	087 6824355	31 - 50
Raymond & Eamon Shanahan	Leap	<b>Co. Cork</b>	083 8521467	10 - 30

## Charollais continued

Name	Address	County	Mobile	No. of Ewes Lambled
James Walsh	Ladysbridge	<b>Co. Cork</b>	085 2724214	51 - 70
Michael Brolly	Raphoe	<b>Co. Donegal</b>	086 2623813	10 - 30
David Graham	Laghey	<b>Co. Donegal</b>	087 2049191	10 - 30
John & Martin McCafferty	Ballybofey	<b>Co. Donegal</b>	086 8229287	51 - 70
William Tait	Lifford	<b>Co. Donegal</b>	087 7796721	31 - 50
Trevor Burke	Tuam	<b>Co. Galway</b>	086 1606565	< 10
Desmond Cheevers	Ballinasloe	<b>Co. Galway</b>	086 8925644	10 - 30
S & E Conway	Ballinasloe	<b>Co. Galway</b>	086 3521872	10 - 30
James Flaherty	Dunmore	<b>Co. Galway</b>	086 8563301	< 10
Kieran Forde	Ballinasloe	<b>Co. Galway</b>	086 8984962	10 - 30
John Grealish	Claregalway	<b>Co. Galway</b>	087 2856196	51 - 70
Michael Higgins	Athenry	<b>Co. Galway</b>	087 9521585	10 - 30
Patrick F Holland	Claregalway	<b>Co. Galway</b>	087 8246681	10 - 30
Sonny Jennings	Tuam	<b>Co. Galway</b>	087 2198913	10 - 30
Michael & Gerry Killilea	Claregalway	<b>Co. Galway</b>	087 2847534	< 10
John McTigue	Tuam	<b>Co. Galway</b>	087 9135865	51 - 70
Sean & David Naughton	Ballinasloe	<b>Co. Galway</b>	087 1712192	10 - 30
David O'Gorman	Tuam	<b>Co. Galway</b>	087 9192358	10 - 30
Thomas Waldron	Tuam	<b>Co. Galway</b>	085 1250050	31 - 50
Oisin Cronin	Killarney	<b>Co. Kerry</b>	087 3950061	< 10
Owen & Colin Devane	Lispole	<b>Co. Kerry</b>	087 2229788	10 - 30
Tim & Mary Fleming	Killarney	<b>Co. Kerry</b>	086 1634681	10 - 30
John & Donie Foley	Killarney	<b>Co. Kerry</b>	087 7660139	10 - 30
Finbarr Godfrey	Kilgarvan	<b>Co. Kerry</b>	087 6862618	10 - 30
Sean Godfrey	Kilgarvan	<b>Co. Kerry</b>	087 2070989	10 - 30
David Berry	Kildare	<b>Co. Kildare</b>	087 6958551	< 10
Gerry & Dymrna Grogan	Donadea	<b>Co. Kildare</b>	087 2752477	31 - 50
John Hill	Carbury	<b>Co. Kildare</b>	087 8709433	31 - 50
Michael & Eugene O'Sullivan	Maynooth	<b>Co. Kildare</b>	087 1441055	10 - 30
Simon Brown	Graiguenamanagh	<b>Co. Kilkenny</b>	087 6868392	> 70
David & Gyll Condon	Freshford	<b>Co. Kilkenny</b>	086 7311600	< 10
John Donohoe	Cuffesgrange	<b>Co. Kilkenny</b>	087 6775844	31 - 50

## Charollais continued

Name	Address	County	Mobile	No. of Ewes Lambled
Frank Jordan	Attanagh	<b>Co. Kilkenny</b>	087 6484273	31 - 50
Ashley & John Langton	Graiguenamanagh	<b>Co. Kilkenny</b>	087 9626749	< 10
James Murphy	Inistioge	<b>Co. Kilkenny</b>	086 8590430	51 - 70
Tom & Jim Murphy	Inistioge	<b>Co. Kilkenny</b>	085 8181224	10 - 30
Richard O'Hara	Thomastown	<b>Co. Kilkenny</b>	086 3526325	> 70
Alan & George Leech	Portlaoise	<b>Co. Laois</b>	087 1509706	51 - 70
David, Allen & James Geelan	Carrick-On-Shannon	<b>Co. Leitrim</b>	087 6357698	10 - 30
Jason & Joseph McKenny	Dromahair	<b>Co. Leitrim</b>	087 6002567	< 10
Fergal Reynolds	Carrick On Shannon	<b>Co. Leitrim</b>	086 8178852	10 - 30
Michael & Peter Rooney	Dromahair	<b>Co. Leitrim</b>	086 0867143	10 - 30
Avril & Graeme Taylor	Carrigallen	<b>Co. Leitrim</b>	087 9623548	10 - 30
Michael Power	Askeaton	<b>Co. Limerick</b>	087 2460506	31 - 50
Wayne Walsh	Killmallock	<b>Co. Limerick</b>	087 6970834	< 10
Bernard Casey	Drumlsh	<b>Co. Longford</b>	087 9821945	51 - 70
Cian Casey	Drumlsh	<b>Co. Longford</b>	086 2036840	10 - 30
PJ Kenny	Edgeworthstown	<b>Co. Longford</b>	083 3549683	< 10
Douglas Shekleton	Ardee	<b>Co. Louth</b>	087 2542526	31 - 50
Paul Coyne	Tuam	<b>Co. Mayo</b>	086 8796346	31 - 50
William G Doherty	Ballina	<b>Co. Mayo</b>	086 3778156	31 - 50
Jimmy Hannon	Kilmaine	<b>Co. Mayo</b>	087 2300403	10 - 30
Aiden Loftus	Crossmolina	<b>Co. Mayo</b>	086 8662839	31 - 50
Gerard Mc Kenna	Ballina	<b>Co. Mayo</b>	087 1602609	< 10
Nathan O'Connor	Belmullet	<b>Co. Mayo</b>	086 0539389	< 10
Martin & Shelly O'Grady	Westport	<b>Co. Mayo</b>	087 7528828	10 - 30
Tom Tighe	Ballina	<b>Co. Mayo</b>	086 3556928	< 10
David & William Clarke	Rathmolyon	<b>Co. Meath</b>	086 2154590	< 10
Stephanie & Hugh O'Connor	Ballivor	<b>Co. Meath</b>	086 1952225	< 10
Enda Quirke	Enfield	<b>Co. Meath</b>	086 8120065	10 - 30
Raymond Douglas	Ballybay	<b>Co. Monaghan</b>	086 8253812	10 - 30
David Groves	Castleblayney	<b>Co. Monaghan</b>	086 3216537	10 - 30
Malachy McMeel	Emyvale	<b>Co. Monaghan</b>	087 9299370	< 10
Jarlath Treanor	Emyvale	<b>Co. Monaghan</b>	086 0598956	< 10



## Charollais continued

Name	Address	County	Mobile	No. of Ewes Lambled
Kevin Brady	Tullamore	<b>Co. Offaly</b>	086 1694745	31 - 50
Amanda Galvin	Tullamore	<b>Co. Offaly</b>	086 8800155	10 - 30
John Farrell	Strokestown	<b>Co. Roscommon</b>	086 1940373	10 - 30
Patsy & Cathal Feehily	Strokestown	<b>Co. Roscommon</b>	086 8197158	< 10
Cathal & Tony Lavin	Strokestown	<b>Co. Roscommon</b>	087 7767503	< 10
Declan & Joe Miley	Knockcroghery	<b>Co. Roscommon</b>	086 8620013	31 - 50
Pat Mollahan	Boyle	<b>Co. Roscommon</b>	086 8235277	10 - 30
Declan & Eoin O'Connor	Elphin	<b>Co. Roscommon</b>	087 1635227	< 10
Michael Regan	Strokestown	<b>Co. Roscommon</b>	086 2670678	10 - 30
JJ Rogers	Strokestown	<b>Co. Roscommon</b>	087 2346325	< 10
Cyril Bournes	Skreen	<b>Co. Sligo</b>	087 3484359	10 - 30
Thomas Flynn	Enniscrone	<b>Co. Sligo</b>	086 8178815	10 - 30
Brendan & Carmel Rooney	Grange	<b>Co. Sligo</b>	086 3966560	< 10
Brian Burke	Cahir	<b>Co. Tipperary</b>	087 2911506	10 - 30
Edmond & Paul O'Gorman	Ballyporeen	<b>Co. Tipperary</b>	086 0605114	31 - 50
Patrick Whyte	Kilrossanty	<b>Co. Waterford</b>	085 7818549	10 - 30
Roy Butler	Mullingar	<b>Co. Westmeath</b>	087 2030333	10 - 30
Dominic Sullivan	Mullingar	<b>Co. Westmeath</b>	087 8220916	10 - 30
Liam & Dora Woods	Mullingar	<b>Co. Westmeath</b>	087 2709079	10 - 30
Padraig Breen	Enniscorthy	<b>Co. Wexford</b>	087 2838609	< 10
Brendan & Patricia Byrne	Gorey	<b>Co. Wexford</b>	086 0795093	< 10
Paddy & Mary Darcy	Gorey	<b>Co. Wexford</b>	087 7579176	10 - 30
Brendan Fitzpatrick	Enniscorthy	<b>Co. Wexford</b>	087 7552558	10 - 30
Seamus & Catherine Fitzpatrick	Enniscorthy	<b>Co. Wexford</b>	087 2982227	10 - 30
William Gleeson	New Ross	<b>Co. Wexford</b>	087 2544374	> 70
Nicholas Murphy	Gorey	<b>Co. Wexford</b>	087 6881317	10 - 30
Michael & Sarah O'Neill	Enniscorthy	<b>Co. Wexford</b>	087 4179112	31 - 50
David & Michelle Power	Bunclody	<b>Co. Wexford</b>	085 7391426	10 - 30
Nicholas Redmond	Gorey	<b>Co. Wexford</b>	086 2704743	51 - 70
John Stacey	Bunclody	<b>Co. Wexford</b>	086 3658279	10 - 30
Noel O'Neill	Arklow	<b>Co. Wicklow</b>	087 6242686	10 - 30

## Cheviot

Name	Address	County	Mobile	No. of Ewes Lambled
Michael Geaney	Letterkenny	<b>Co. Donegal</b>	087 6771564	51 - 70
Bros. McHugh	Lifford	<b>Co. Donegal</b>	086 0812461	31 - 50
Kevin McKeivitt	Maynooth	<b>Co. Kildare</b>	086 3317196	10 - 30

## Easy Care

William J. Hutchinson	Kilkenny	<b>Co. Kilkenny</b>	086 2510899	> 70
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## Galway

Martin Keon	Killaloe	<b>Co. Clare</b>	086 8794318	< 10
Kieran Thomas Shannon	Milltown Malbay	<b>Co. Clare</b>	086 1694275	< 10
Dinah Rosemary Fleming	Ballyshannon	<b>Co. Donegal</b>	086 8104617	< 10
Declan Gibson	Raphoe	<b>Co. Donegal</b>	087 9587282	< 10
Esther Logue	Quigley's Point	<b>Co. Donegal</b>	086 2106249	10 - 30
Trevor Corcoran	Loughrea	<b>Co. Galway</b>	086 1544551	< 10
Gerry Daly	Craughwell	<b>Co. Galway</b>	086 8837056	51 - 70
Niall Earls	Craughwell	<b>Co. Galway</b>	087 2379279	10 - 30
Tommy Feeney	Athenry	<b>Co. Galway</b>	087 4123614	10 - 30
Paul Forde	Loughrea	<b>Co. Galway</b>	087 2458197	10 - 30
Paddy Glynn	Ballinasloe	<b>Co. Galway</b>	087 7936533	< 10
John Greaney	Headford	<b>Co. Galway</b>	086 1624344	10 - 30
Margaret Hegerty	Tuam	<b>Co. Galway</b>	087 9185950	10 - 30
Michael Kennedy	Athenty	<b>Co. Galway</b>	086 8681340	< 10
David Kerse	Craughwell	<b>Co. Galway</b>	087 2915010	10 - 30
Sean Kilkelly	Athenry	<b>Co. Galway</b>	087 9089709	10 - 30
Cathal & Michael Melia	Corrandulla	<b>Co. Galway</b>	087 9856531	10 - 30
Hubert Melia	Corndulla	<b>Co. Galway</b>	087 6980629	10 - 30
Gerard Nolan	Ardrahan	<b>Co. Galway</b>	086 8573192	51 - 70
Zachary & Bernadett Silke	Kinvara	<b>Co. Galway</b>	086 2169644	< 10
Gerard & Martin Warde	Ballinasloe	<b>Co. Galway</b>	085 2431540	10 - 30
Carmel Greene	Kilcock	<b>Co. Kildare</b>	085 7221292	< 10
Tom Keane	Askeaton	<b>Co. Limerick</b>	087 4109978	10 - 30

## Galway continued

Name	Address	County	Mobile	No. of Ewes Lambled
Thomas Murphy	Ballinasloe	<b>Co. Roscommon</b>	087 9486530	31 - 50
Fionnuala Kenny	Easkey	<b>Co. Sligo</b>	087 2443376	31 - 50
Hugo Reilly	Dromard	<b>Co. Sligo</b>	087 2221225	51 - 70
Philomena O'Neill	Rosslare	<b>Co. Wexford</b>	087 2052393	10 - 30

## Hampshire Down

Edward Buckley	Macroom	<b>Co. Cork</b>	087 7721969	10 - 30
Michael Gottstein	Dunmanway	<b>Co. Cork</b>	087 2399755	< 10
Robert Taylor	Ballygar	<b>Co. Galway</b>	087 6531781	< 10
Adrian Curtin	Naas	<b>Co. Kildare</b>	086 8302300	10 - 30
Derek Moore	Moone	<b>Co. Kildare</b>	086 3220036	< 10
Alymer Power	Askeaton	<b>Co. Limerick</b>	087 2460506	< 10
Annora Whitley / Peter Brittain	Nobber	<b>Co. Meath</b>	087 7413125	10 - 30
Noel Foster	Donard	<b>Co. Wicklow</b>	087 2721800	10 - 30
Eanna Gallagher	Ashford	<b>Co. Wicklow</b>	087 7487914	< 10

## Île-de-France

William J. Hutchinson	Kilkenny	<b>Co. Kilkenny</b>	086 2510899	31 - 50
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## Lanark

John O'Toole	Moyard	<b>Co. Galway</b>	086 8237266	10 - 30
Tom Staunton	Tourmakeady	<b>Co. Mayo</b>	087 2902256	31 - 50

## Lleyn

David Beattie	Ballinagh	<b>Co. Cavan</b>	087 7509554	> 70
Clifford Richardson	Arvagh	<b>Co. Cavan</b>	087 2569428	> 70
Samuel Morrow	Convoy	<b>Co. Donegal</b>	086 1783470	51 - 70
Patrick Bobbett	Lusk	<b>Co. Dublin</b>	085 7022653	< 10
John O'Toole	Moyard	<b>Co. Galway</b>	086 8237266	< 10
Finbarr Godfrey	Kilgarvan	<b>Co. Kerry</b>	087 6862618	10 - 30

## Lleyn continued

Simon Brown	Graiguenamanagh	<b>Co. Kilkenny</b>	087 6868392	> 70
William & David Oliver	Dundalk	<b>Co. Louth</b>	087 9088512	31 - 50
Brian Mathews	Killeigh	<b>Co. Offaly</b>	087 2658781	10 - 30
Helen McDonald	Tullamore	<b>Co. Offaly</b>	087 6312050	> 70
Orla Barry	Duncormick	<b>Co. Wexford</b>	086 0832917	31 - 50
David & Michelle Power	Bunclody	<b>Co. Wexford</b>	085 7391426	< 10
Nicholas Sweetman	Enniscorthy	<b>Co. Wexford</b>	087 2839554	10 - 30

## Mayo Connemara

Barry Bonar	Westport	<b>Co. Mayo</b>	087 6734702	> 70
Anthony O'Neill	Tourmakeady	<b>Co. Mayo</b>	087 9710542	10 - 30

## Rouge de l'Ouest

Philip Crowe	Carrigan	<b>Co. Cavan</b>	086 0743931	< 10
Oliver & Claire Keaskin	Baillieboro	<b>Co. Cavan</b>	087 9576578	31 - 50
Tinney Brothers	Manorcunningham	<b>Co. Donegal</b>	086 8746015	< 10
Peter Mannion	Ballygar	<b>Co. Galway</b>	086 2228465	< 10
Maurice & Kieran Breen	Glencar	<b>Co. Kerry</b>	087 9347486	< 10
Jack Cuddy	Portlaois	<b>Co. Laois</b>	087 9023893	< 10
John & Colin Hopper	Dromahair	<b>Co. Leitrim</b>	083 1901479	< 10
Ryan McGourty	Ballinaglera	<b>Co. Leitrim</b>	087 9913732	< 10
Seamus Leahy	Newcastle West	<b>Co. Limerick</b>	087 2660600	< 10
Stephanie & Hugh O'Connor	Ballivor	<b>Co. Meath</b>	086 1952225	10 - 30
Hilary & Malcolm Workman	Monaghan	<b>Co. Monaghan</b>	086 8211847	10 - 30
Brian Mathews	Killeigh	<b>Co. Offaly</b>	087 2658781	10 - 30
Paul Smyth	Tullamore	<b>Co. Offaly</b>	087 6781673	< 10
Joseph Kennedy	Roscommon	<b>Co. Roscommon</b>	086 8315589	10 - 30
John Richard Thomas	Easkey	<b>Co. Sligo</b>	085 8789524	< 10
Edwin Draper	Roscrea	<b>Co. Tipperary</b>	087 6962406	10 - 30
Hugh O'Connor	Fethard	<b>Co. Tipperary</b>	087 2754931	10 - 30
John Ryan	Clonmel	<b>Co. Tipperary</b>	086 2528329	< 10

## Rouge de l'Ouest continued

Name	Address	County	Mobile	No. of Ewes Lambled
Shay Kennedy	Carrick On Suir	<b>Co. Waterford</b>	087 2802364	31 - 50
John Healion	Athlone	<b>Co. Westmeath</b>	086 8403053	10 - 30

## Shropshire

Edward Tynan	Mullinavat	<b>Co. Kilkenny</b>	085 1655538	10 - 30
Brendan Kirke	Castlebellingham	<b>Co. Louth</b>	086 8540996	10 - 30
John White	Cloonacool	<b>Co. Sligo</b>	086 8547770	10 - 30

## Suffolk

Aidan Collins	Sixmilebridge	<b>Co. Clare</b>	087 9290884	> 70
Matthew Pearse	O Briens Bridge	<b>Co. Clare</b>	087 3467048	10 - 30
Edward Jeffery	Castlemartyr	<b>Co. Cork</b>	086 3367566	31 - 50
Jim & Frampton Jeffery	Midleton	<b>Co. Cork</b>	086 3339010	10 - 30
Alan & Mark Jennings	Leap	<b>Co. Cork</b>	087 3535971	31 - 50
Arthur & Patrick O'Keeffe	Mallow	<b>Co. Cork</b>	086 8135804	31 - 50
Patrick O'Keeffe	Mallow	<b>Co. Cork</b>	086 8167027	< 10
Susan O'Keeffe	Mallow	<b>Co. Cork</b>	086 8167027	51 - 70
Dan O'Mahony	Ballygarvan	<b>Co. Cork</b>	087 2306904	10 - 30
Doherty Bros.	Malin Head	<b>Co. Donegal</b>	086 3183492	< 10
Seamus Browne	Letterkenny	<b>Co. Donegal</b>	087 2222575	31 - 50
Tommy Cavanagh	Carndonagh	<b>Co. Donegal</b>	086 4074422	31 - 50
John Doherty	Malin Head	<b>Co. Donegal</b>	086 3183492	31 - 50
David Graham	Laghey	<b>Co. Donegal</b>	087 2049191	< 10
Robert Tait	Lifford	<b>Co. Donegal</b>	087 7516086	51 - 70
TJ Broderick	Ballinasloe	<b>Co. Galway</b>	086 3126355	10 - 30
Trevor Burke	Tuam	<b>Co. Galway</b>	086 1606565	31 - 50
Teagasc C/O Henry Walsh	Athenry	<b>Co. Galway</b>	087 7690677	> 70
Peter & Patrick Daveron	Headford	<b>Co. Galway</b>	087 6342015	< 10
Mark Dolan	Glenamaddy	<b>Co. Galway</b>	086 3581322	< 10
Niall Finnegan	Tuam	<b>Co. Galway</b>	087 6594585	10 - 30
Mark Grealay	Oranmore	<b>Co. Galway</b>	087 9090057	10 - 30

## Suffolk continued

Name	Address	County	Mobile	No. of Ewes Lambled
Paraic Hillary	Ballinasloe	<b>Co. Galway</b>	087 9592881	10 - 30
Michael & Gerry Killilea	Claregalway	<b>Co. Galway</b>	087 2847534	10 - 30
Liam Mannion	Barnaderg	<b>Co. Galway</b>	087 9014933	< 10
Paul Morris	Dunmore	<b>Co. Galway</b>	086 4658456	10 - 30
Michael Murphy	Tuam	<b>Co. Galway</b>	087 6993411	10 - 30
Zachary & Bernadett Silke	Kinvara	<b>Co. Galway</b>	086 2169644	10 - 30
Kieran Smith	Glenamaddy	<b>Co. Galway</b>	086 1756675	< 10
Sean O'Connor	Killarney	<b>Co. Kerry</b>	086 3619922	10 - 30
Sean & Valerie Tiffin	Kilgarvan	<b>Co. Kerry</b>	086 1097412	10 - 30
Marian Murphy	Ballymore Eustace	<b>Co. Kildare</b>	087 7543075	< 10
Eamon Delaney	Kilmanagh	<b>Co. Kilkenny</b>	086 3495700	< 10
William J. Hutchinson	Kilkenny	<b>Co. Kilkenny</b>	086 2510899	31 - 50
Richard Moore	Thomastown	<b>Co. Kilkenny</b>	087 9664366	51 - 70
Michael Purcell	Thomastown	<b>Co. Kilkenny</b>	087 9104695	31 - 50
David Quinlan	Gowran	<b>Co. Kilkenny</b>	087 4182799	10 - 30
Noel Quinlan	Gowran	<b>Co. Kilkenny</b>	087 4182799	< 10
Robert Sands	Portlaoise	<b>Co. Laois</b>	087 7644465	31 - 50
Robert & Alan Stanley	Portlaoise	<b>Co. Laois</b>	086 8471819	10 - 30
Coote Geelan	Carrick-On-Shannon	<b>Co. Leitrim</b>	087 9490045	10 - 30
Charles Reilly	Mohill	<b>Co. Leitrim</b>	086 8288149	< 10
Robert Walker	Croom	<b>Co. Limerick</b>	087 2390270	51 - 70
Patrick Lynch	Ballinallee	<b>Co. Longford</b>	087 7634080	10 - 30
Denis Lynch & Sons	Ballinallee	<b>Co. Longford</b>	087 7634080	10 - 30
Philip Lynch	Castlebellingham	<b>Co. Louth</b>	0044 7760999278	10 - 30
James Cuffe	Ballina	<b>Co. Mayo</b>	086 3271905	10 - 30
Charles J Hughes	Westport	<b>Co. Mayo</b>	086 3897646	31 - 50
Michael & Maire Jennings	Hollymount	<b>Co. Mayo</b>	087 7417443	10 - 30
Aiden Loftus	Crossmolina	<b>Co. Mayo</b>	086 8662839	10 - 30
Teresa & Enda McGeever	Swinford	<b>Co. Mayo</b>	087 9555524	10 - 30
Eamonn Duffy	Kells	<b>Co. Meath</b>	086 1506785	> 70
Eric Blakeney	Enniscrone	<b>Co. Sligo</b>	087 9480127	< 10



## Suffolk continued

Name	Address	County	Mobile	No. of Ewes Lambded
James Rooney	Grange	<b>Co. Sligo</b>	087 6806779	10 - 30
Michael Toolan	Ballisodare	<b>Co. Sligo</b>	087 8111569	10 - 30
Brian Boland	Clonmel	<b>Co. Tipperary</b>	087 2484348	< 10
John Hanly	Thurles	<b>Co. Tipperary</b>	087 6274388	31 - 50
Patrick Purcell	Clonmel	<b>Co. Tipperary</b>	087 9104695	10 - 30
David Fagan	Mullingar	<b>Co. Westmeath</b>	087 2605969	< 10
Liam Higgins	Athlone	<b>Co. Westmeath</b>	087 9625351	10 - 30
Michael Clarke	Barntown	<b>Co. Wexford</b>	087 2459496	< 10
Brendan Fitzpatrick	Enniscorthy	<b>Co. Wexford</b>	087 7552558	10 - 30
William Gleeson	New Ross	<b>Co. Wexford</b>	087 2544374	10 - 30
John Martin	Duncormick	<b>Co. Wexford</b>	086 2597783	10 - 30
Michael & Sarah O'Neill	Enniscorthy	<b>Co. Wexford</b>	087 4179112	10 - 30
Michelle O'Reilly	Enniscorthy	<b>Co. Wexford</b>	085 7148708	< 10
Gregory Rossiter	Bannow	<b>Co. Wexford</b>	087 2869956	10 - 30
Denis & Tony Ryan	Enniscorthy	<b>Co. Wexford</b>	085 1044094	10 - 30
John Stacey	Bunclody	<b>Co. Wexford</b>	086 3658279	< 10
Brian Doyle	Avoca	<b>Co. Wicklow</b>	086 1231817	10 - 30
John & Esther Gahan	Grangecon	<b>Co. Wicklow</b>	087 2640599	10 - 30
Colin Watchorn	Newcastle	<b>Co. Wicklow</b>	087 2612868	31 - 50

## Swaledale

Sean Godfrey	Kilgarvan	<b>Co. Kerry</b>	087 2070989	10 - 30
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## Texel

Sean & Niamh Byrne	Kilbride	<b>Co. Carlow</b>	086 8781665	< 10
Brian Keogh	Hacketstown	<b>Co. Carlow</b>	085 1321150	< 10
John Redmond	Bagenalstown	<b>Co. Carlow</b>	087 6419590	< 10
Clive Rothwell	Tullow	<b>Co. Carlow</b>	087 6448025	10 - 30
Philip Rothwell	Bagenalstown	<b>Co. Carlow</b>	085 7158999	< 10
Conor & Sean Coyle	Kilnaleck	<b>Co. Cavan</b>	087 0630752	10 - 30
John & Michael Donohoe	Crosserlough	<b>Co. Cavan</b>	086 8539096	10 - 30

## Texel continued

Robert John Dunne	Belturbet	<b>Co. Cavan</b>	087 3585284	31 - 50
Martin & Kyle Kiernan	Ballyjamesduff	<b>Co. Cavan</b>	083 3001375	< 10
Gerard MacSeain	Cornafean	<b>Co. Cavan</b>	086 0494822	< 10
Pauric McBreen	Crosskeys	<b>Co. Cavan</b>	086 2441781	10 - 30
Justin McDermott	Killeshandra	<b>Co. Cavan</b>	086 3707569	< 10
Sean McGee	Crosskeys	<b>Co. Cavan</b>	086 6046283	31 - 50
Aaron & Peter McPhillips	Ballyjamesduff	<b>Co. Cavan</b>	087 4101181	< 10
Patrick & Darren Shiels	Kilcogy	<b>Co. Cavan</b>	087 0689986	< 10
Edward Buckley	Macroom	<b>Co. Cork</b>	087 7721969	10 - 30
John & Mary Gallagher	Glanworth	<b>Co. Cork</b>	086 8360059	10 - 30
Jim & Frampton Jeffery	Midleton	<b>Co. Cork</b>	086 3339010	10 - 30
Edward & Sheena McCarthy	Buttevant	<b>Co. Cork</b>	086 2730363	10 - 30
Arthur & Patrick O'Keefe	Mallow	<b>Co. Cork</b>	086 8135804	> 70
Ann & Robert O'Mahony	Carrigtwohill	<b>Co. Cork</b>	086 8501163	31 - 50
James Walsh	Ladysbridge	<b>Co. Cork</b>	085 2724214	< 10
Emma Wharton	Lower Glanmire Road	<b>Co. Cork</b>	085 7749198	< 10
Shaun Boyce	Millford	<b>Co. Donegal</b>	086 3445108	10 - 30
Andrew Cox	Pettigo	<b>Co. Donegal</b>	087 4638833	< 10
James & Shay Doherty	Manorcunningham	<b>Co. Donegal</b>	086 3471554	< 10
Pauric & Shay Doherty	Letterkenny	<b>Co. Donegal</b>	086 3471554	< 10
Roger Doherty	Clonmany	<b>Co. Donegal</b>	086 8602361	10 - 30
Ryan Doherty	Clonmany	<b>Co. Donegal</b>	086 8530199	10 - 30
William Doherty	Manorcunningham	<b>Co. Donegal</b>	087 2355493	31 - 50
Patrick Friel	Letterkenny	<b>Co. Donegal</b>	086 0606365	10 - 30
Michael Gallagher	Dunfanaghy	<b>Co. Donegal</b>	086 3586475	< 10
Noel Gallagher	Pettigo	<b>Co. Donegal</b>	086 8371245	< 10
James & Martin Gillespie	Lettermacaward	<b>Co. Donegal</b>	087 6425304	< 10
Ciaran Heraghty	Letterkenny	<b>Co. Donegal</b>	086 4079804	10 - 30
Ivor Kilpatrick	Raphoe	<b>Co. Donegal</b>	087 9806968	31 - 50
Paul Mallon	Letterkenny	<b>Co. Donegal</b>	086 1018516	10 - 30
Michael McDaid	Drumkeen	<b>Co. Donegal</b>	086 6082205	< 10

## Texel continued

Name	Address	County	Mobile	No. of Ewes Lambed
Kevin McDermott	Gleneely	<b>Co. Donegal</b>	086 2020734	10 - 30
Patrick J McFeeley	Coldaff	<b>Co. Donegal</b>	086 3510164	< 10
John McGee	Cresslough	<b>Co. Donegal</b>	087 2285654	10 - 30
James & Cian McGrath	Donegal Town	<b>Co. Donegal</b>	087 9430089	10 - 30
Seamus McGrath	Donegal Town	<b>Co. Donegal</b>	087 9430089	< 10
Shane McHugh	Dunfanaghy	<b>Co. Donegal</b>	087 9512411	31 - 50
Bros. McHugh	Lifford	<b>Co. Donegal</b>	086 0812461	< 10
Billy McKeague	Culdaff	<b>Co. Donegal</b>	074 9379108	< 10
Stuart McKeague	Culdaff	<b>Co. Donegal</b>	086 8189043	10 - 30
Declan McLoone	Glenties	<b>Co. Donegal</b>	086 3627292	10 - 30
John McLoone	Glenties	<b>Co. Donegal</b>	086 3627292	10 - 30
Hughie & Cathal Mooney	Ardara	<b>Co. Donegal</b>	087 9621642	10 - 30
Esther & Graham Moore	Letterkenny	<b>Co. Donegal</b>	086 0382375	< 10
Danny Murray	Pettigo	<b>Co. Donegal</b>	0044 7729785037	10 - 30
Neville Myles	Ballyshannon	<b>Co. Donegal</b>	086 1555599	51 - 70
Bernard O'Donnell	Buncrana	<b>Co. Donegal</b>	086 8275671	< 10
Stewart & Scott Parke	Letterkenny	<b>Co. Donegal</b>	087 2393396	10 - 30
Rachel Rutherford	Letterkenny	<b>Co. Donegal</b>	086 2188640	< 10
Dwayne Shiels	Letterkenny	<b>Co. Donegal</b>	086 7315358	31 - 50
Gerard Shiels	Letterkenny	<b>Co. Donegal</b>	086 7315358	10 - 30
Harold & Christian Wilson	Letterkenny	<b>Co. Donegal</b>	086 2264057	10 - 30
Richard Wilson	Raphoe	<b>Co. Donegal</b>	087 2286809	51 - 70
Trevor Burke	Tuam	<b>Co. Galway</b>	086 1606565	10 - 30
Teagasc C/O Henry Walsh	Athenry	<b>Co. Galway</b>	087 7690677	> 70
Brian Connelly	Tuam	<b>Co. Galway</b>	087 7925263	10 - 30
Darragh Cunniffe	Tuam	<b>Co. Galway</b>	087 9895631	31 - 50
Garry Dempsey	Claremorris	<b>Co. Galway</b>	087 1374020	< 10
Brian Divilly	Annaghdown	<b>Co. Galway</b>	087 6448025	< 10
Mark Dolan	Glenamaddy	<b>Co. Galway</b>	086 3581322	< 10
Niall Glynn	Ballinasloe	<b>Co. Galway</b>	087 3657404	< 10
Michael Haverty	Dunmore	<b>Co. Galway</b>	087 9000231	10 - 30

## Texel continued

Name	Address	County	Mobile	No. of Ewes Lambed
Christopher Healy	Roscahill	<b>Co. Galway</b>	086 8782209	< 10
Liam Murtagh Josephine Quinn	Ballinasloe	<b>Co. Galway</b>	087 2810263	10 - 30
Jarlath Joyce	Barna	<b>Co. Galway</b>	087 9957349	< 10
Patrick Joyce	Recess	<b>Co. Galway</b>	087 6754357	10 - 30
Cyril Keane	Clarenbridge	<b>Co. Galway</b>	087 6655701	10 - 30
Paul Keane	Ardrahan	<b>Co. Galway</b>	087 6197971	10 - 30
Thomas Kenny	Ballinasloe	<b>Co. Galway</b>	087 2221322	31 - 50
Michael & Gerry Killilea	Claregalway	<b>Co. Galway</b>	087 2847534	< 10
Michael Murphy	Tuam	<b>Co. Galway</b>	087 6993411	51 - 70
Darragh Niland	Craughwell	<b>Co. Galway</b>	087 9738437	< 10
Gerard & Margaret Niland	Kinvara	<b>Co. Galway</b>	086 3797349	10 - 30
Padraic Niland	Kinvara	<b>Co. Galway</b>	087 4121886	10 - 30
Kieran Smith	Glenamaddy	<b>Co. Galway</b>	086 1756675	10 - 30
Jack Swift	Williamstown	<b>Co. Galway</b>	089 4530462	< 10
Fintan Thornton	Loughrea	<b>Co. Galway</b>	087 2220639	10 - 30
Gerard & Martin Warde	Ballinasloe	<b>Co. Galway</b>	085 2431540	< 10
Declan Whelan	Ballinasloe	<b>Co. Galway</b>	086 2689543	10 - 30
Sean Godfrey	Kilgarvan	<b>Co. Kerry</b>	087 2070989	< 10
Michael Neenan	Tralee	<b>Co. Kerry</b>	087 2777721	10 - 30
Fergal O'Sé	Tralee	<b>Co. Kerry</b>	087 9895475	31 - 50
Herbert & Mark Poff	Killorglin	<b>Co. Kerry</b>	087 2022142	< 10
John & Sarah Duffy	Carbury	<b>Co. Kildare</b>	085 7274573	10 - 30
Carmel Greene	Kilcock	<b>Co. Kildare</b>	085 7221292	< 10
James Kelly	Carbury	<b>Co. Kildare</b>	086 3447137	< 10
James Kelly Jnr	Carbury	<b>Co. Kildare</b>	085 2355247	< 10
Zoe Payne	Rathangan	<b>Co. Kildare</b>	087 1351609	10 - 30
Gerard Laurence Phibbs	Blessington	<b>Co. Kildare</b>	087 8439284	10 - 30
Flor Ryan	North Prosperous	<b>Co. Kildare</b>	086 8115560	> 70
Johnny Ryan	Prosperous	<b>Co. Kildare</b>	086 8115560	> 70
John Donohoe	Cuffesgrange	<b>Co. Kilkenny</b>	087 6775844	51 - 70
David & Ellen Holden	Kells	<b>Co. Kilkenny</b>	086 2617204	< 10

## Texel continued

Name	Address	County	Mobile	No. of Ewes Lambled
William J. Hutchinson	Kilkenny	<b>Co. Kilkenny</b>	086 2510899	31 - 50
Paddy Morrissey	Callan	<b>Co. Kilkenny</b>	087 9557971	31 - 50
Kate Purcell	The Rower	<b>Co. Kilkenny</b>	085 7423700	10 - 30
John Renehan	Johnstown	<b>Co. Kilkenny</b>	086 8153324	10 - 30
Edward Tynan	Mullinavat	<b>Co. Kilkenny</b>	085 1655538	< 10
Eamon Brennan	Portlaoise	<b>Co. Laois</b>	086 8759115	< 10
Gerard Delaney	Portlaoise	<b>Co. Laois</b>	087 6730313	> 70
Dermot Dunne	Vicarstown	<b>Co. Laois</b>	086 3074526	< 10
Michael Heffernan	Vicarstown	<b>Co. Laois</b>	087 2556441	10 - 30
William Murphy (Snr)	Athy	<b>Co. Laois</b>	085 7359631	10 - 30
Jason & Joseph McKenny	Dromahair	<b>Co. Leitrim</b>	087 6002567	< 10
Frankie McMorrow	Carrick On Shannon	<b>Co. Leitrim</b>	087 4109025	10 - 30
Oisin McTiernan	Manorhamilton	<b>Co. Leitrim</b>	086 2473968	10 - 30
Diarmuid & John Keane	Ardagh	<b>Co. Limerick</b>	087 2450502	10 - 30
Willie Keyes	Crecora	<b>Co. Limerick</b>	087 4189986	< 10
Seamus Leahy	Newcastle West	<b>Co. Limerick</b>	087 2660600	< 10
Michael Power	Askeaton	<b>Co. Limerick</b>	087 2460506	10 - 30
Robert Walker	Croom	<b>Co. Limerick</b>	087 2390270	> 70
Gerry Davis	Ballinallee	<b>Co. Longford</b>	087 2819287	< 10
Conor Keenan	Moydow	<b>Co. Longford</b>	086 1942862	< 10
PJ Kenny	Edgeworthstown	<b>Co. Longford</b>	083 3549683	10 - 30
John Kiernan	Granard	<b>Co. Longford</b>	085 2296753	< 10
Padraig Shanley	Lanesborough	<b>Co. Longford</b>	087 9044870	< 10
Matthew Murray	Dundalk	<b>Co. Louth</b>	087 2639593	10 - 30
John Burke	Ballinrobe	<b>Co. Mayo</b>	087 6145447	< 10
Liam & David Coen	Hollymount	<b>Co. Mayo</b>	087 2872674	31 - 50
Gerard & Brendan Conway	Westport	<b>Co. Mayo</b>	087 6290544	10 - 30
Paul Coyne	Tuam	<b>Co. Mayo</b>	086 8796346	31 - 50
Anthony E Donnelly	Claremorris	<b>Co. Mayo</b>	087 2632711	10 - 30
Michael Durcan	Ballina	<b>Co. Mayo</b>	086 2363041	< 10
James Garrivan	Westport	<b>Co. Mayo</b>	086 3391071	31 - 50
David Keane	Westport	<b>Co. Mayo</b>	087 7568576	10 - 30

## Texel continued

Name	Address	County	Mobile	No. of Ewes Lambled
Shane Keane	Newport	<b>Co. Mayo</b>	086 3580730	10 - 30
Patrick Kenny	Castlebar	<b>Co. Mayo</b>	086 4068645	10 - 30
Dylan Killeen	Claremorris	<b>Co. Mayo</b>	087 3856647	< 10
Aiden Loftus	Crossmolina	<b>Co. Mayo</b>	086 8662839	10 - 30
Brian McDermott	Ballina	<b>Co. Mayo</b>	087 2727508	< 10
Anthony McKeown	Castlebar	<b>Co. Mayo</b>	086 3702009	10 - 30
Daire & Enda McManamon	Newport	<b>Co. Mayo</b>	086 8422386	31 - 50
Michael McTigue	Castlebar	<b>Co. Mayo</b>	087 6276050	< 10
Ronan Melvin	Ballina	<b>Co. Mayo</b>	087 9949382	< 10
Anthony O'Neill	Tourmakeady	<b>Co. Mayo</b>	087 9710542	< 10
Anthony Rowland	Crossmolina	<b>Co. Mayo</b>	087 9416972	< 10
Mark Staunton	Newport	<b>Co. Mayo</b>	086 8410234	< 10
Pat Staunton	Tourakeady	<b>Co. Mayo</b>	087 3125209	10 - 30
Martin Walsh	Swinford	<b>Co. Mayo</b>	087 2256541	31 - 50
Matthew Walsh	Belmullet	<b>Co. Mayo</b>	086 7269046	< 10
Alphonsus Walshe	Hollymount	<b>Co. Mayo</b>	087 2840480	< 10
Kenneth Bird	Trim	<b>Co. Meath</b>	086 3238416	10 - 30
Michael Bird	Trim	<b>Co. Meath</b>	086 9965239	31 - 50
John Canty	Kildalkey	<b>Co. Meath</b>	086 8312817	51 - 70
Alex Clarke	Navan	<b>Co. Meath</b>	087 8171037	31 - 50
Ornaith Clarke	Navan	<b>Co. Meath</b>	087 9149540	10 - 30
Aidan & David Craig	Clonard	<b>Co. Meath</b>	087 2680400	31 - 50
Terry Dolan	Oldcastle	<b>Co. Meath</b>	086 4019440	> 70
Pat & Barry Farrell	Tara	<b>Co. Meath</b>	086 2615661	31 - 50
Megan Jerrard-Dinn	Kells	<b>Co. Meath</b>	087 2514957	< 10
Pascal Keogh	Collon	<b>Co. Meath</b>	087 6423352	10 - 30
Brian Kirkham	Navan	<b>Co. Meath</b>	087 2432295	10 - 30
Pat & Conor Lenehan	Duleek	<b>Co. Meath</b>	086 3318289	10 - 30
Rosemary Madden / Etienne Pinot	Tara	<b>Co. Meath</b>	086 6011124	10 - 30
Aidan Murphy	Kilmessan	<b>Co. Meath</b>	085 1059422	< 10
Enda Quirke	Enfield	<b>Co. Meath</b>	086 8120065	31 - 50



## Texel continued

Name	Address	County	Mobile	No. of Ewes Lambled
Jackie Ryan	Enfield	<b>Co. Meath</b>	085 2384281	10 - 30
Charles Clarke Jnr	Carrickmacross	<b>Co. Monaghan</b>	086 8243826	> 70
Ivan & Emma Coulter	Castleblaney	<b>Co. Monaghan</b>	0044 7510881168	< 10
Ethan Duffy	Monaghan	<b>Co. Monaghan</b>	087 3569323	< 10
Jim Harrison	Castleblaney	<b>Co. Monaghan</b>	086 8706850	< 10
Patrick Leonard	Smithborough	<b>Co. Monaghan</b>	086 6636383	10 - 30
John, Colm & Michael McHugh	Carrickmacross	<b>Co. Monaghan</b>	087 2448481	> 70
Amanda & Jessica McMeel	Emyvale	<b>Co. Monaghan</b>	087 9260908	< 10
Malachy McMeel	Emyvale	<b>Co. Monaghan</b>	087 9299370	10 - 30
Daniel Murphy /Denise Rafferty	Monaghan	<b>Co. Monaghan</b>	087 9059964	10 - 30
Mervyn Steenson	Ballybay	<b>Co. Monaghan</b>	085 7391583	< 10
G.C & M Taylor	Clones	<b>Co. Monaghan</b>	086 1930747	< 10
Barry Treanor	Scotstown	<b>Co. Monaghan</b>	087 7806658	< 10
Brian Mathews	Killeigh	<b>Co. Offaly</b>	087 2658781	< 10
Alma & Lorraine Brennan	Roscommon	<b>Co. Roscommon</b>	086 8546772	< 10
John J Brennan	Roscommon	<b>Co. Roscommon</b>	086 8179246	< 10
John D Brooks	Ballinasloe	<b>Co. Roscommon</b>	086 8122850	> 70
Michael & Damien Carroll	Athlone	<b>Co. Roscommon</b>	086 0638388	< 10
Ciara & Patrick Corcoran	Knockcroghery	<b>Co. Roscommon</b>	087 6430710	10 - 30
Michael Dwyer	Roscommon	<b>Co. Roscommon</b>	086 2041815	10 - 30
John Keavney	Castlerea	<b>Co. Roscommon</b>	087 9754091	< 10
Cathal & Tony Lavin	Strokestown	<b>Co. Roscommon</b>	087 7767503	10 - 30
John McGloin	Knockcroghery	<b>Co. Roscommon</b>	087 1833189	10 - 30
Colin McLoughlin	Castlerea	<b>Co. Roscommon</b>	086 2613884	10 - 30
Donal Mee	Four Roads	<b>Co. Roscommon</b>	086 3276061	10 - 30
Alan & Liam Moran	Castlerea	<b>Co. Roscommon</b>	087 3141241	< 10
Brian & Dermot O'Dowd	Boyle	<b>Co. Roscommon</b>	086 1966079	10 - 30
Michael Regan	Strokestown	<b>Co. Roscommon</b>	086 2670678	10 - 30
Padraig & Michael Treacy	Knockcroghery	<b>Co. Roscommon</b>	087 2879741	31 - 50
Niall Brennan	Grange	<b>Co. Sligo</b>	087 3271158	10 - 30

## Texel continued

Name	Address	County	Mobile	No. of Ewes Lambled
Stuart Dorran	Dromard	<b>Co. Sligo</b>	085 8616886	< 10
Christy, Margaret & Brian Gallagher	Ballymote	<b>Co. Sligo</b>	087 2875448	10 - 30
Ronan Gallagher	Enniscrone	<b>Co. Sligo</b>	087 9837107	> 70
Rebecca & Ingrid Handel	Castleblawin	<b>Co. Sligo</b>	086 1716661	10 - 30
Ross Henry	Grange	<b>Co. Sligo</b>	087 2147148	10 - 30
Shane Herity	Maugherow	<b>Co. Sligo</b>	089 4939932	< 10
Jonathan Higgins	Skreen	<b>Co. Sligo</b>	087 1334434	10 - 30
Joseph & Patrick O'Connor	Ballinful	<b>Co. Sligo</b>	087 9242177	< 10
John Richard Thomas	Easkey	<b>Co. Sligo</b>	085 8789524	10 - 30
Aidan & Carmel Deegan	Thurles	<b>Co. Tipperary</b>	087 6982606	10 - 30
Richard & John Lalor	Clonmel	<b>Co. Tipperary</b>	086 1223478	< 10
Kenneth Brazil	Clonmel	<b>Co. Waterford</b>	087 2725636	10 - 30
Gerard & Ann Connolly	Carrick-On-Suir	<b>Co. Waterford</b>	087 7713144	10 - 30
Noel P Walsh	Leamybrien	<b>Co. Waterford</b>	087 6424259	10 - 30
Patrick Whyte	Kilrossanty	<b>Co. Waterford</b>	085 7818549	10 - 30
Cyril & Keith Anderson	Lismacaffrey	<b>Co. Westmeath</b>	087 3030175	< 10
John Jnr Higgins	Athlone	<b>Co. Westmeath</b>	087 6849778	10 - 30
Shane & Patrick Hynes	Athlone	<b>Co. Westmeath</b>	086 7232552	< 10
Michael Kinahan	Moate	<b>Co. Westmeath</b>	087 1131784	< 10
Martin Manning	Rathowen	<b>Co. Westmeath</b>	086 0866039	< 10
Allysha & Martin Moore	Coole	<b>Co. Westmeath</b>	087 1250185	< 10
Martin Murphy	Athlone	<b>Co. Westmeath</b>	087 6325371	10 - 30
Enda Turley	Athlone	<b>Co. Westmeath</b>	086 3818743	10 - 30
Michael Cullen	Crossbeg	<b>Co. Wexford</b>	086 8495074	10 - 30
Patrick Darcy	Gorey	<b>Co. Wexford</b>	087 7579176	< 10
Liam Dillon	New Ross	<b>Co. Wexford</b>	087 0654839	51 - 70
John Kidd	Enniscorthy	<b>Co. Wexford</b>	087 2480910	31 - 50
Anne Murphy	Gorey	<b>Co. Wexford</b>	086 8441144	> 70
Michael & Aidan Murphy	Gorey	<b>Co. Wexford</b>	086 8441144	10 - 30
John Neville	Murrinstown	<b>Co. Wexford</b>	087 1204485	31 - 50
David & Michelle Power	Bunclody	<b>Co. Wexford</b>	085 7391426	10 - 30

## Texel continued

Name	Address	County	Mobile	No. of Ewes Lambded
Gregory Rossiter	Bannow	<b>Co. Wexford</b>	087 2869956	10 - 30
Stuart & Gavin Rothwell	Enniscorthy	<b>Co. Wexford</b>	087 6878200	10 - 30
Denis & Tony Ryan	Enniscorthy	<b>Co. Wexford</b>	085 1044094	10 - 30
Michael Sinnott Jnr	Gorey	<b>Co. Wexford</b>	087 1361875	10 - 30
Aoife Wheelock	Ballaghkeen	<b>Co. Wexford</b>	087 3519576	10 - 30
Thomas Whelan	Enniscorthy	<b>Co. Wexford</b>	086 6061312	31 - 50
Boylan Family	Blessington	<b>Co. Wicklow</b>	086 4037301	10 - 30
Ashley O Reilly	Donard	<b>Co. Wicklow</b>	086 8955828	< 10

## Vendeen

Daniel Fay	Belturbet	<b>Co. Cavan</b>	086 3932246	10 - 30
Neil & Ann Ford	Ballyjamesduff	<b>Co. Cavan</b>	086 8874545	10 - 30
Eileen Foster	Bailieborough	<b>Co. Cavan</b>	087 4693509	10 - 30
Andrew Gilmore	Kingscourt	<b>Co. Cavan</b>	086 1525654	10 - 30
Ena Nagle	Mitchelstown	<b>Co. Cork</b>	086 3985139	10 - 30
Cheryl O' Brien	Kildorrery	<b>Co. Cork</b>	086 8525588	51 - 70
Martin McMenamin	Lifford	<b>Co. Donegal</b>	087 9454747	10 - 30
Kieran Smith	Glenamaddy	<b>Co. Galway</b>	086 1756675	10 - 30
James Gray	Drumlish	<b>Co. Longford</b>	087 7607603	10 - 30
John Lynch	Ballinalee	<b>Co. Longford</b>	086 8061568	10 - 30
Thomas Duffy	Belmullet	<b>Co. Mayo</b>	086 2621385	10 - 30
Jimmy Hannon	Kilmaine	<b>Co. Mayo</b>	087 2300403	< 10
Padraig Monaghan	Ballina	<b>Co. Mayo</b>	086 3691615	10 - 30
Alan Crowe	Dunsany	<b>Co. Meath</b>	085 7784875	< 10
Mark & Audrey Crowe	Dunsany	<b>Co. Meath</b>	087 2856203	10 - 30
Enda Flood	Oldcastle	<b>Co. Meath</b>	087 7924261	10 - 30
Alan McGrane	Collon	<b>Co. Meath</b>	087 3557560	10 - 30
Ciaran Coughlan	Ferbane	<b>Co. Offaly</b>	086 8229900	31 - 50
Anthony & Oisin Gannon	Banagher	<b>Co. Offaly</b>	087 9502614	< 10
Mark Keenaghan	Ferbane	<b>Co. Offaly</b>	086 8269249	< 10
Martin Conboy	Ballintubber	<b>Co. Roscommon</b>	086 8192511	10 - 30

## Vendeen continued

Name	Address	County	Mobile	No. of Ewes Lambded
Brendan & Carmel Rooney	Grange	<b>Co. Sligo</b>	086 3966560	10 - 30
Shay Kennedy	Carrick On Suir	<b>Co. Waterford</b>	087 2802364	10 - 30
Cyril & Keith Anderson	Lismacaffrey	<b>Co. Westmeath</b>	087 3030175	10 - 30
Michael McGrath	Mullingar	<b>Co. Westmeath</b>	087 1347366	10 - 30
Tom Medlycott	Roundwood	<b>Co. Wicklow</b>	083 4159473	10 - 30

## Zwartble

Daniel Murphy / Denise Rafferty	Monaghan	<b>Co. Monaghan</b>	087 9059964	10 - 30
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\* Breeders who signed up to LambPlus for 2020 but didn't record any lambs have not been included in the Directory of Breeders



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### Sheep Ireland

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