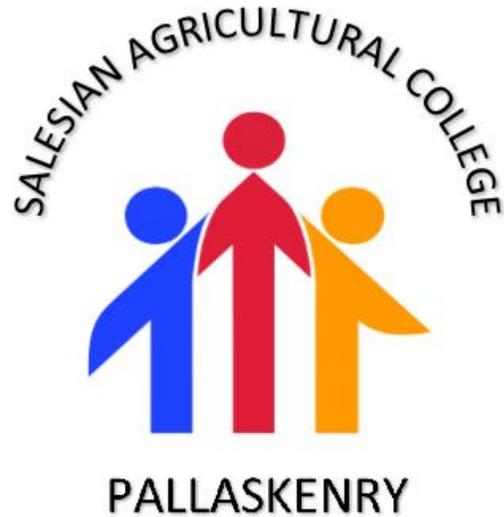


# Putting the €uro Stars into Action



David Coen

Salesian Agricultural College

Co. Limerick

# Building the Foundations

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Breeding sheep for over 60 years

Texel, Suffolk and Charollais

Belclare rams 2015

200 Breeding ewes (122 mature ewes & 88 ewe lambs)

All grass based system



# Building the Foundations

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Joined Sheep Ireland 2016

Started off with very low levels of data collection

Wanted to find out best and worst performers in the flock

Ewes profiled based on breed, age, weight, BCS

October 2016 - AI'd ewes to CPT sires

- Gave a platform to assess ewes genetics against other flocks
- Improved accuracy's

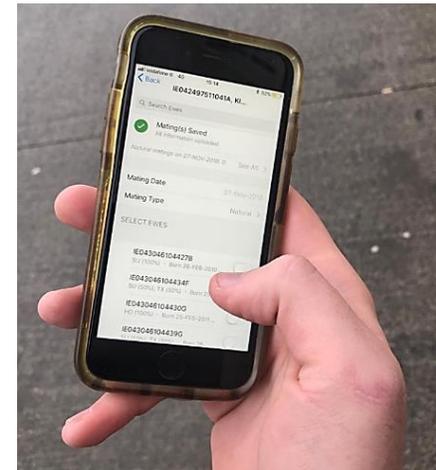


# Being open and collecting the right data

Sheep Ireland App makes recording easier and more efficient

Loads of new technologies make data recording easier

Opportunity to take advantage of new enforcement of electronic tagging



# Selecting Replacement Females

Replacements are sourced from Ewe lambs

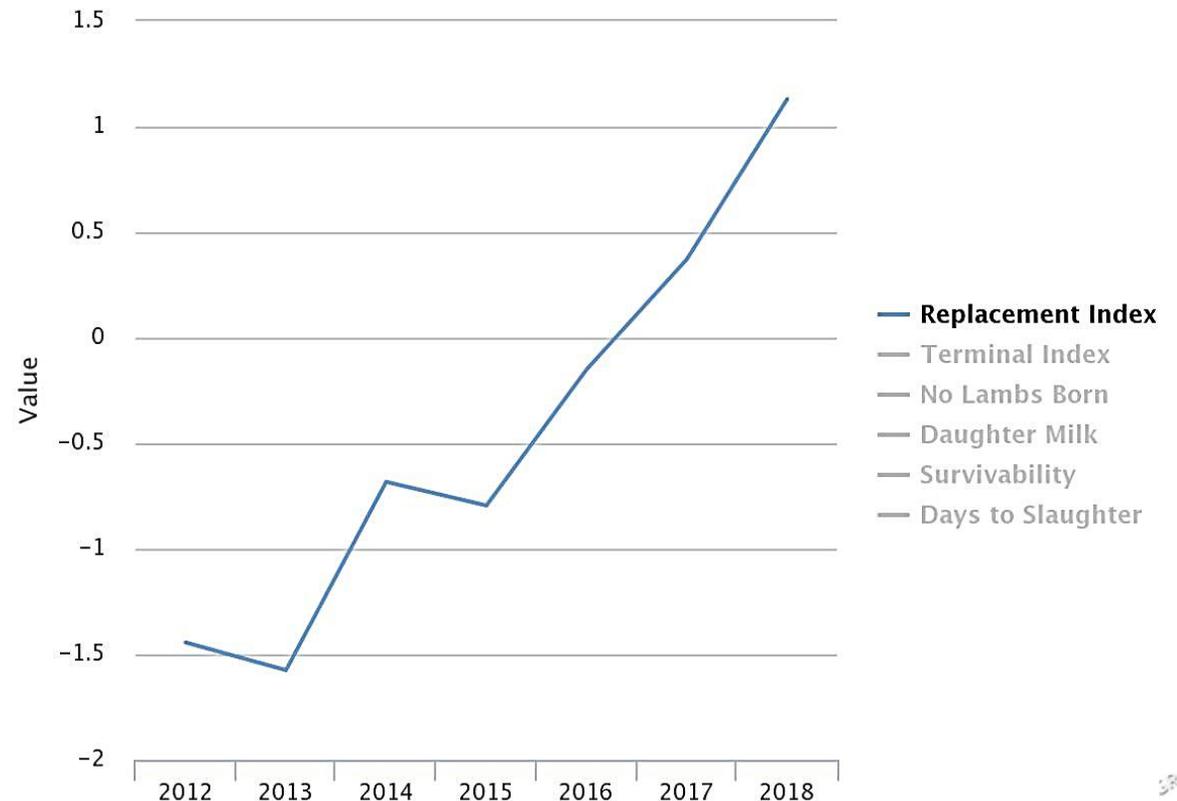
## *Genetically*

Ewe lamb chosen on Replacement Index higher than mature ewes average

2018 - €0.195 with 40% acc

(If no change)

2019 - €0.915 with 42% acc



# Selecting Replacement Females

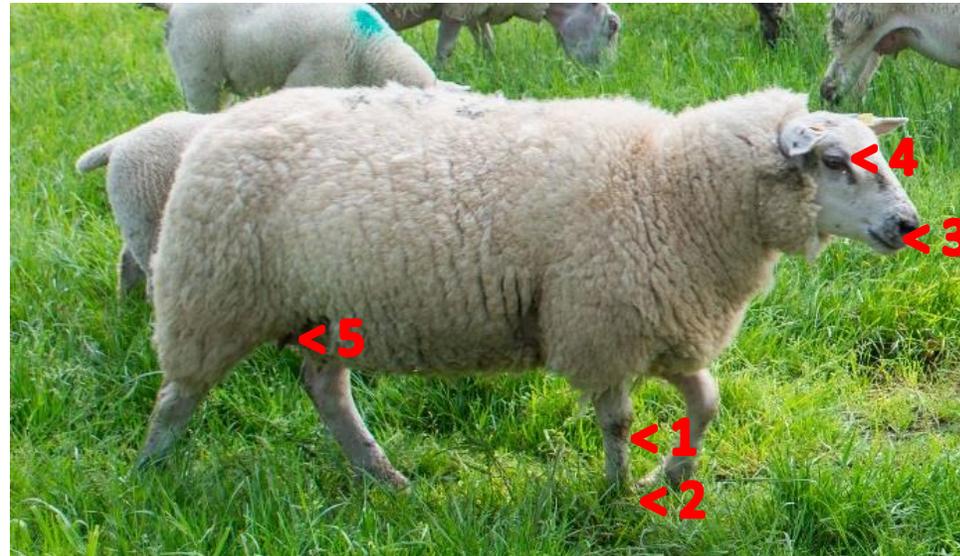
## *Physically*

Weight - 50 Kgs on Average

Body Condition of 3.5 – 4.5

Physical examination

1. Legs
2. Feet
3. Teeth
4. No signs of ill health
5. Teats



# Kilflynn Amigo MN1511041



|   |   |   |
|---|---|---|
| Owner: Salesian Ag College (DQI: 93%); Pallaskenry Agricultural College, Pallaskenry, Co. Lim<br>Breeder: Michael Neenan; Dromakee, Kilflynn, Tralee, Co. Kerry           |   |   |
| <b>Animal</b><br><b>IE042497511041A</b><br>MN1511041 (CPT Sire)<br><b>Kilflynn Amigo</b><br><br>DOB: 27-Jan-2015<br>Belclare<br>Male<br>Triplet<br><br>M & F Scanned: Yes | <b>Ancestry</b><br>PD102179<br>GS<br>GD TF1001274<br>↓<br><b>TF1201503</b><br><br><b>TF1201520</b><br>↑<br>GS WD100953<br>GD TF091167 | <b>EuroStars</b> 14/11/2018<br>Replacement (€4.86) <b>Acc 78% Rank Top 2%</b><br>Terminating (€2.01) <b>Acc 81% Rank Top 1%</b><br>★★★★★★<br>★★★★★★<br>Lamb Survivability (2.06%) 0% ————— Top 2% V 100%<br>Acc 77% ^<br>Days to Slaughter -6.02 days 0% ————— Top 6% V 100%<br>Acc 94% ^<br>No. of Lambs Born (€0.49) 0% ————— Top 26% V 100%<br>Acc 73% ^<br>Daughters Milk (€3.02) 0% ————— Top 3% V 100%<br>Acc 88% ^ |
| Comment:  |   |   |

To think his superior genetics could have been lost!

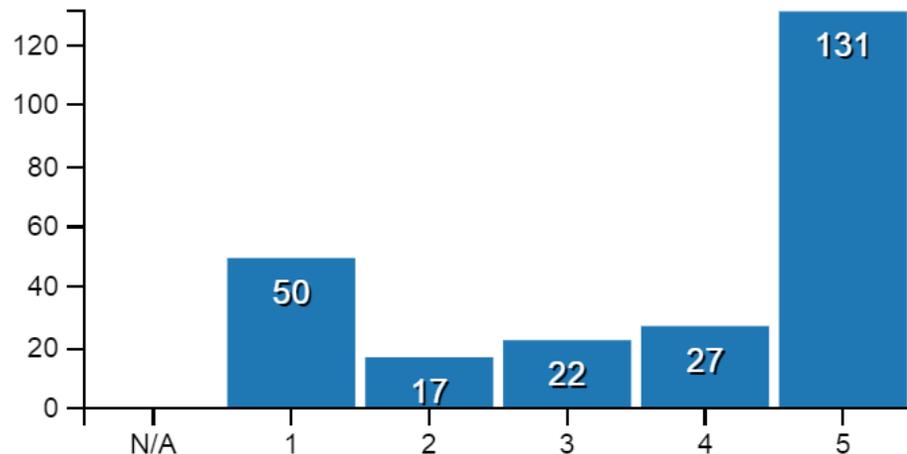
# 5 Star Rams making a difference to Ewe Genetics

Flock gain since 2015

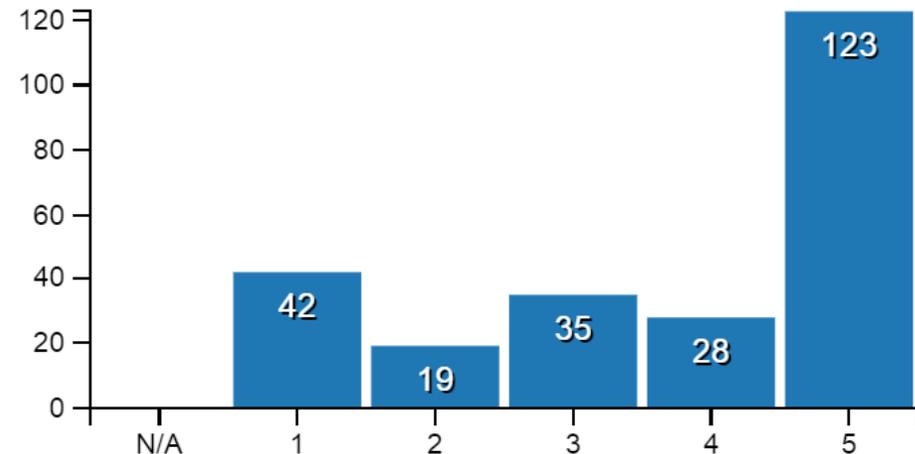
€1.79 gain on the Replacement Index

€0.97 gain on the Terminal Index

Replacement Stars



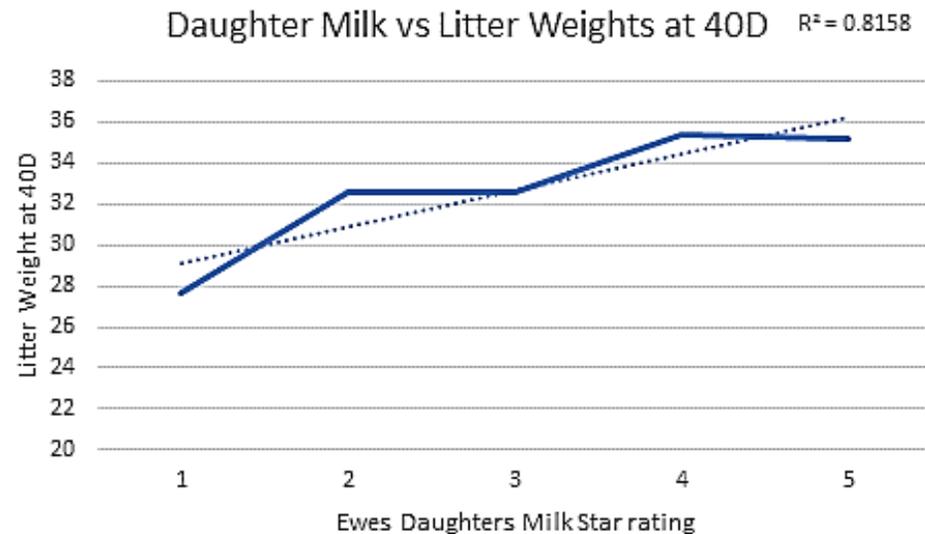
Terminal Stars



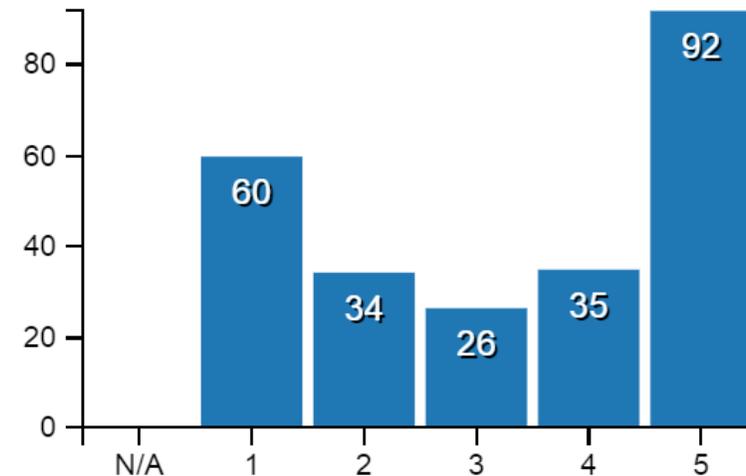
# 5 Star Rams making a difference to Ewe Genetics

2018 season

Average litter weight at 40 days of age vs Ewes Daughters Milk star rating



Daughters Milk Stars



# 5 Star Rams making a difference to Ewe Genetics

Focus on lamb survivability

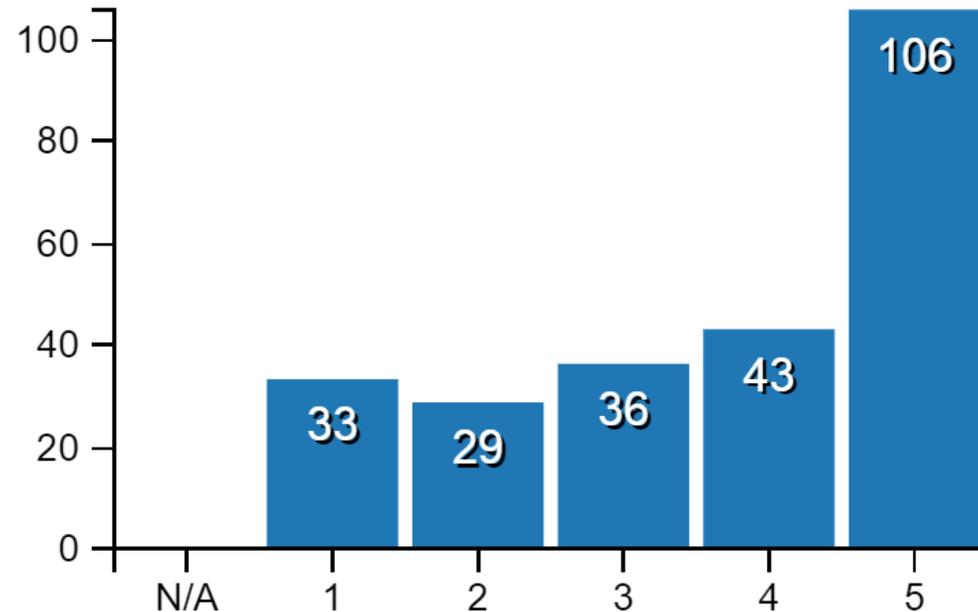
% Lamb Morality

2016 – 13.03%

2017 – 11.75%

2018 – 9.49%

Lambing Survivability Stars



# Genetic Evaluation is the way forward

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Salesian Ag College

We strive to be the best in our field

Sheep, Beef or Dairy

We believe Genetic Evaluations will help get us there

Thank You

