

PRESTIGE

PROGRESSIVE  
  
GENETICS

*PRESTIGE*  
*Limousin* 2021



*Limousin*

## Contents

Name	Page
Telfers Munster	3
Tomschoice Nation	4
Tweeddale Lennox	5
Grenache	6
Edakkya	7
JT	8
JK Porto PP	9
Goldies Jackpot	10
Lodge Hamlet	11
Hotel	14
O Mallet PP	15
Ionesco	16
Karlos PP	16
Tomschoice Onslow	17
Powerhouse Italic	18
Vulpian	18

### Dear Pedigree Breeder,

Welcome to our new Prestige Limousin catalogue. The Prestige Selection is a new range of elite bulls which we at Progressive Genetics have chosen for you, the pedigree breeder. These sires have been carefully selected & represent the best Limousin genetics available globally.

The Progressive Genetics team are always available to provide professional advice to enable you to achieve the breeding goals for your herd.

Please note many of the sires featured are 'pre-order' & will not be carried by your A.I. technician, these sires should be pre-ordered from Progressive Genetics at least three weeks before the semen will be needed. You can call your local representative, order on-line from [progressivegenetics.ie](http://progressivegenetics.ie) or call the office.

The bulls labelled with a 'pedigree royalty' sticker are in the Limousin Society royalty scheme; a royalty is payable on all pedigree progeny registered from these sires in their herdbook.

### *Rosalish Goulding*

Rosalish Goulding  
Beef Programme Manager  
National Cattle Breeding Centre



Cover: Trueman Lulu with Telfers Munster son



Pedigree registration royalty applies to bulls bearing this symbol. For full details check with your local representative





# Telfers Munster PED

Code: **S3301**

DOB: 11/06/16

HB No: LIMGBRM107023100679

Myostatin: nt821/+ (1 F94L)

PRESTIGE  
*Limousin*



Star Rating (Within Breed)	Index ICBF, Oct '20 <small>Genotype Incl.</small>	€ Value	Rel	Star Rating (Across Breed)
★★★★★	<b>Replacement Index</b>	€115	47% (Average)	★★★★★
★★★★★	<b>Terminal Index</b>	€177	54% (Average)	★★★★★
★★★★★	<b>Dairy Beef Index</b>	€127	46% (Average)	★★★★★
<b>Expected Progeny Performance</b>				
Calving Difficulty	Beef Heifers (% 3&4)	7.6%	50% (Average)	34 Beef Records
	Beef Cows (% 3&4)	2.8%	81% (V High)	
★★★★★	Gestation Length (days)	2.7 days	57% (Average)	★★★★★
★★★★★	Dolality (Scale)	0.08 Scale	54% (Average)	★★★★★
★★★★★	Carcass Weight (Kg)	32.8 Kg	53% (Average)	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	2.96 Scale	47% (Average)	★★★★★
<b>Expected Daughter Performance</b>				
	Daughter calving diff (% 3&4)	5.5%	56% (Average)	
★★★☆☆	Daughter milk (kg)	-2.6 Kg	42% (Average)	★★★☆☆
★★★☆☆	Daughter calving interval (d)	2.8 days	37% (Low)	★★★☆☆

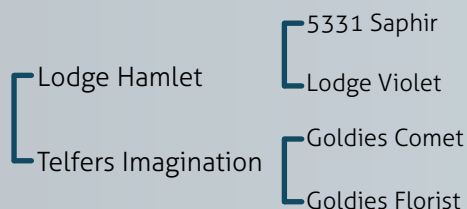


Trueman Pixie - sold for 17,100 gns in Trueman Limousins Online Sale in August 2020



Trueman Poshspice - sold for 9,100 gs in the Trueman Limousins Online Sale in August 2020

- Munster's progeny excel in width, muscle development and style
- He consistently produces excellent males and females
- Progeny are correct, quiet and full of eye appeal
- Works best on females high in skeletal development
- A must for breeders seeking quality





# Tomschoice Nation PED

Code: **LM5611**

DOB: 30/10/17

HB No: LIMGBRM124148100440

Myostatin: +/- (2 F94L)

PRESTIGE  
*Limousin*



Star Rating (Within Breed)	Index ICBF, Oct '20 <small>Genotype Incl.</small>	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	<b>Replacement Index</b>	€190	45% (Average)	★★★★★★
★★★★★★	<b>Terminal Index</b>	€171	48% (Average)	★★★★★★
★★★★★★	<b>Dairy Beef Index</b>	€119	46% (Average)	★★★★★★
<b>Expected Progeny Performance</b>				
Calving Difficulty	Beef Heifers (% 3&4)	8.0%	49% (Average)	0 Beef Records
	Beef Cows (% 3&4)	4.0%	70% (High)	
★★★★★★	Gestation Length (days)	2.2 days	44% (Average)	★★★★★★
★★★★★★	Docility (Scale)	-0.02 Scale	44% (Average)	★★★★★★
★★★★★★	Carcass Weight (Kg)	34.8 Kg	45% (Average)	★★★★★★
★★★★★★	Carcass Conf. (Scale 1-15)	2.54 Scale	44% (Average)	★★★★★★
<b>Expected Daughter Performance</b>				
	Daughter calving diff (% 3&4)	4.5%	58% (Average)	
★★★★★★	Daughter milk (kg)	4.6 Kg	44% (Average)	★★★★★★
★★★★★★	Daughter calving interval (d)	-1.2 days	39% (Low)	★★★★★★



MGS, Vermont

- No.1 Limousin bull available on the Replacement Index
- Nation comes from a proven cow family at Tomschoice, the same family as Lexicon
- Nation is a long correct, square bull with a great temperament
- Sexed semen available



Paternal brother, Tomschoice Ironstone LM2116



# Tweeddale Lennox PED

Code: **LM4407**

DOB: 01/04/15

HB No: LIMGBRM00WJQ15-1696

Myostatin: +/- (2 F94L)

PRESTIGE  
*Limousin*



Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	<b>Replacement Index</b>	€144	41% (Average)	★★★★★★
★★★★★★	<b>Terminal Index</b>	€176	45% (Average)	★★★★★★
★★★★★★	<b>Dairy Beef Index</b>	€118	41% (Average)	★★★★★★
<b>Expected Progeny Performance</b>				
Calving Difficulty	Beef Heifers (% 3&4)	5.6%	46% (Average)	18 Beef Records
	Beef Cows (% 3&4)	2.1%	74% (High)	
★★★★★☆☆	Gestation Length (days)	3.7 days	65% (High)	★★★★★☆☆
★★★★★★	Dolality (Scale)	-0.01 Scale	39% (Low)	★★★★★★
★★★★★★	Carcass Weight (Kg)	34.7 Kg	40% (Average)	★★★★★★
★★★★★★	Carcass Conf. (Scale 1-15)	2.57 Scale	37% (Low)	★★★★★★
<b>Expected Daughter Performance</b>				
	Daughter calving diff (% 3&4)	3.7%	55% (Average)	
★★★★★★	Daughter milk (kg)	2.5 Kg	39% (Low)	★★★★★☆☆
★★★★★☆☆	Daughter calving interval (d)	1.3 days	35% (Low)	★★★★★☆☆



Daughter, Rempstone Precious

- Lennox offers super growth, extreme width & impeccable temperament
- Sire, Goldies Goldmine, is a full brother to Goldies Comet sire of Glenrock Illusion, Junior Champion at the Royal Highland Show 2014, who sold for 125,000 gns
- Sexed Semen available



Son





Star Rating (Within Breed)	Index ICBF, Oct '20 <small>Genotype Incl.</small>	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	<b>Replacement Index</b>	€165	58% (Average)	★★★★★★
★★★★★	<b>Terminal Index</b>	€134	82% (V High)	★★★★★★
★★★☆☆	<b>Dairy Beef Index</b>	€67	64% (High)	★★★★★
<b>Expected Progeny Performance</b>				
Calving Difficulty	Beef Heifers (% 3&4)	5.3%	77% (High)	214 Beef Records
	Beef Cows (% 3&4)	1.7%	94% (V High)	
★★★★★	Gestation Length (days)	4.5 days	94% (V High)	★★★★★
★★★★★	Docility (Scale)	-0.03 Scale	88% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	22.3 Kg	85% (V High)	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	2.01 Scale	80% (V High)	★★★★★
<b>Expected Daughter Performance</b>				
Daughter calving diff (% 3&4)		4.1%	56% (Average)	★★★★★★
Daughter milk (kg)		7.1 Kg	47% (Average)	
Daughter calving interval (d)		1.0 days	42% (Average)	

- An excellent choice for use on pedigree maidens, he is proven for calving ease in Ireland & France
- A high milk bull, +7.1 kgs
- Top 1% of Limousin breed on Replacement Index
- Suitable for well-muscled pedigree maidens



Son, Boxery  
Pablo off of a  
TVR heifer



Daughter



Currane Pierre Sired by Grenache







Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	Replacement Index	€134	66% (High)	★★★★★★
★★★★★★	Terminal Index	€146	83% (V High)	★★★★★★
★★★★★	Dairy Beef Index	€94	64% (High)	★★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	10.7%	65% (High)	216 Beef Records
	Beef Cows (% 3&4)	3.2%	95% (V High)	
★★★★★★	Gestation Length (days)	2.9 days	94% (V High)	★★★★★★
★★★★★	Docility (Scale)	-0.06 Scale	90% (V High)	★★★★★★
★★★★★★	Carcass Weight (Kg)	30.8 Kg	92% (V High)	★★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	2.18 Scale	90% (V High)	★★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	6.5%	63% (High)	
★★★★★	Daughter milk (Kg)	1.2 Kg	64% (High)	★★★★★★
★★★★★	Daughter calving interval (d)	-0.2 days	43% (Average)	★★★★★★

- A very complete bull - good on growth, shape, docility & maternal traits
- Average calving; suitable for second calvers
- 5 star within breed on gestation
- An outcross pedigree



Daughter



Daughter





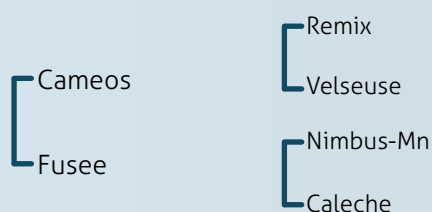
JT Daughter

Star Rating (Within Breed)	Index ICBF, Oct '20 <small>Genotype Incl.</small>	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	<b>Replacement Index</b>	€133	47% (Average)	★★★★★★
★★★★★★	<b>Terminal Index</b>	€164	55% (Average)	★★★★★★
★★★★★★	<b>Dairy Beef Index</b>	€132	46% (Average)	★★★★★★
<b>Expected Progeny Performance</b>				
Calving Difficulty	Beef Heifers (% 3&4)	6.3%	45% (Average)	0 Beef Records
	Beef Cows (% 3&4)	2.7%	78% (High)	
★★★★★☆☆	Gestation Length (days)	2.9 days	46% (Average)	★★★★★☆☆
★★★★★☆☆	Docility (Scale)	-0.07 Scale	44% (Average)	★★★★★☆☆
★★★★★★	Carcass Weight (Kg)	30.1 Kg	59% (Average)	★★★★★★
★★★★★★	Carcass Conf. (Scale 1-15)	2.93 Scale	53% (Average)	★★★★★★
<b>Expected Daughter Performance</b>				
	Daughter calving diff (% 3&4)	4.7%	57% (Average)	
★★★★★★	Daughter milk (kg)	3.6 Kg	47% (Average)	★★★★★★☆☆
★★★☆☆☆☆	Daughter calving interval (d)	2.4 days	37% (Low)	★★★☆☆☆☆



MGD, dam of Cameos at 10 years of age

- A super bull from the French Maternal Programme, lovely quality, early maturing & classy
- JT progeny are exceptionally high in muscle development (DM 139)
- Suitable for 2nd calvers



JT



# JK Porto PP PED

Code: **LM6313**

DOB: 06/08/19

HB No: LU99707924

Myostatin: +/- (2 F94L)

PRESTIGE  
*Limousin*

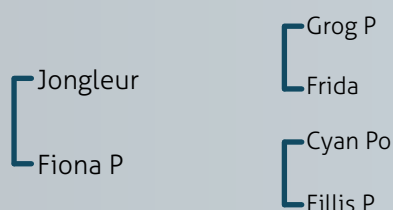


Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	<b>Replacement Index</b>	€98	34% (Low)	★★★★★
★★★★★	<b>Terminal Index</b>	€111	36% (Low)	★★★★★
★★★★★	<b>Dairy Beef Index</b>	€77	32% (Low)	★★★★★
<b>Expected Progeny Performance</b>				
Calving Difficulty	Beef Heifers (% 3&4)	7.8%	30% (Low)	0 Beef Records
	Beef Cows (% 3&4)	3.9%	59% (Average)	
★★★★★	Gestation Length (days)	2.8 days	32% (Low)	★★★★★
★★★★★	Docility (Scale)	-0.05 Scale	31% (Low)	★★★★★
★★★★★	Carcass Weight (Kg)	19.2 Kg	33% (Low)	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	1.65 Scale	33% (Low)	★★★★★
<b>Expected Daughter Performance</b>				
	Daughter calving diff (% 3&4)	4.5%	49% (Average)	
★★★★★	Daughter milk (kg)	-0.8 Kg	33% (Low)	★★★★★
★★★★★	Daughter calving interval (d)	-0.1 days	31% (Low)	★★★★★



Lorenzo

- A high quality homozygous polled Limousin from a proven cow family
- Porto's maternal brother, Lorenzo is proven in France & Luxembourg. He excels in growth, muscle development & temperament
- Porto himself is a powerful, correct & well-muscled bull



GGsire, Clovis



# Goldies Jackpot PED

Code: **S3104**

DOB: 11/03/18

HB No: LIMGBRM000GS14-1509

Myostatin +/-

PRESTIGE  
*Limousin*



Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	Replacement Index	€133	62% (High)	★★★★★★
★★★★★	Terminal Index	€132	80% (V High)	★★★★★★
★★★☆☆	Dairy Beef Index	€45	65% (High)	★★★★☆☆
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	18.4%	68% (High)	349 Beef Records
	Beef Cows (% 3&4)	7.6%	94% (V High)	
★★★☆☆	Gestation Length (days)	5.0 days	95% (V High)	★★★★☆☆
★★★★★★	Docility (Scale)	-0.01 Scale	88% (V High)	★★★★☆☆
★★★★★★	Carcass Weight (Kg)	37.0 Kg	86% (V High)	★★★★★★
★★★★★★	Carcass Conf. (Scale 1-15)	2.44 Scale	82% (V High)	★★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	4.2%	61% (High)	
★★★★★★	Daughter milk (kg)	10.4 Kg	55% (Average)	★★★★★★
★★★☆☆	Daughter calving interval (d)	3.1 days	45% (Average)	★★★★☆☆



Daughter

- Jackpot & his progeny, exhibit power, width, shape & style
- A high quality bull from one of the best breeding females of the Limousin breed: Goldies Vitality
- Jackpot is in the top 1% of the Limousin breed for daughter milk

Ampertaine Foreman  
 Goldies Vitality  
 Wilodge Cerberus  
 Ampertaine Bathsheba  
 Sarkley Ragtime  
 Goldies Tiffeny



Daughter, Leo Whelan



# Lodge Hamlet PED

Code: **LM4058**

DOB: 15/03/12

HB No: LIMGBRM542928200346

Myostatin: nt821/+ (1 F94L)



PRESTIGE  
*Limousin*

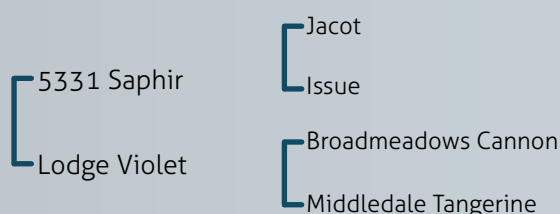


Star Rating (Within Breed)	Index ICBF, Oct '20 <small>Genotype Incl.</small>	€ Value	Rel	Star Rating (Across Breed)
★ ★ ★ ★ ★	<b>Replacement Index</b>	€66	77% (High)	★ ★ ★ ★ ★
★ ★ ★ ★ ★	<b>Terminal Index</b>	€150	89% (V High)	★ ★ ★ ★ ★
★ ★ ★ ★ ★	<b>Dairy Beef Index</b>	€111	75% (High)	★ ★ ★ ★ ★
<b>Expected Progeny Performance</b>				
Calving Difficulty	Beef Heifers (% 3&4)	8.2%	94% (V High)	1980 Beef Records
	Beef Cows (% 3&4)	3.8%	98% (V High)	
★ ★ ★ ★ ★	Gestation Length (days)	3.2 days	99% (V High)	★ ★ ★ ★ ★
★ ★ ★ ★ ★	Docity (Scale)	0.01 Scale	98% (V High)	★ ★ ★ ★ ★
★ ★ ★ ★ ★	Carcass Weight (Kg)	25.2 Kg	97% (V High)	★ ★ ★ ★ ★
★ ★ ★ ★ ★	Carcass Conf. (Scale 1-15)	2.82 Scale	96% (V High)	★ ★ ★ ★ ★
<b>Expected Daughter Performance</b>				
	Daughter calving diff (% 3&4)	6.3%	73% (High)	
★ ★ ★ ★ ★	Daughter milk (kg)	-7.0 Kg	78% (High)	★ ★ ★ ★ ★
★ ★ ★ ★ ★	Daughter calving interval (d)	3.2 days	51% (Average)	★ ★ ★ ★ ★



Daughter, Ernevalley Lioness

- A consistent producer of show quality animals with a winning combination of style & muscle development
- Top 1% of the Limousin breed for Carcass Conformation at 96% reliability



Daughter, Coalan McCooey





# Simplify the way you work

Drugs, Births, Moves, Compliance: Sorted!

NEW Problem cow report

NEW Stock Reconciliation

Fertility Performance Report

Calving Pattern Report

& More

& More..

# AgriNet



Jobs List



Herd Report



Animal Report



Births



Drug Cabinet



Drugs



Diary



Moves



Weights



AirBreed/BCS



Inputs



For Inspections



Milk





Drugs



For Inspections



AI/Breed/BCS



Part of your farm



Use on Any device  
Phone - Tablet - PC

Tel: 046 924 9964 [agrinet.ie](http://agrinet.ie) Gavin 087 1998805



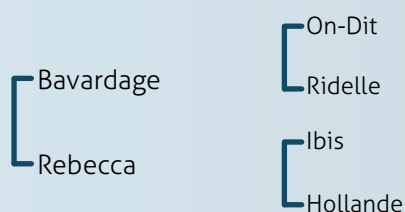


Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	<b>Replacement Index</b>	€109	50% (Average)	★★★★★
★★★★★	<b>Terminal Index</b>	€135	58% (Average)	★★★★★
★★★★★	<b>Dairy Beef Index</b>	€82	50% (Average)	★★★★★
<b>Expected Progeny Performance</b>				
Calving Difficulty	Beef Heifers (% 3&4)	7.1%	49% (Average)	0 Beef Records
	Beef Cows (% 3&4)	2.0%	84% (V High)	
★★★★★	Gestation Length (days)	3.7 days	46% (Average)	★★★★★
★★★★★	Dolality (Scale)	-0.05 Scale	45% (Average)	★★★★★
★★★★★	Carcass Weight (Kg)	25.2 Kg	60% (High)	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	2.19 Scale	55% (Average)	★★★★★
<b>Expected Daughter Performance</b>				
	Daughter calving diff (% 3&4)	4.6%	61% (High)	
★★★★★	Daughter milk (kg)	3.4 Kg	50% (Average)	★★★★★
★★★★★	Daughter calving interval (d)	4.1 days	41% (Average)	★★★★★



Daughter

- A Bavardage son from the French maternal programme
- Will produce well-balanced daughters, high in milk
- Dam is from the renowned Vainqueur line



Sire, Bavardage



# O Mallet PP PED

Code: **LM6280**

DOB: 11/03/18

HB No: LIMFRAM002424668384

Myostatin: +/- (2 F94L)

PRESTIGE  
*Limousin*

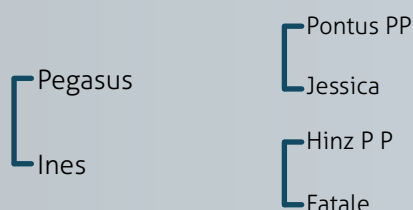


Star Rating (Within Breed)	Index ICBF, Oct '20 <small>Genotype Incl.</small>	€ Value	Rel	Star Rating (Across Breed)
★★★★★	<b>Replacement Index</b>	€102	35% (Low)	★★★★★
★★★★★	<b>Terminal Index</b>	€104	37% (Low)	★★★★★
★★★★★	<b>Dairy Beef Index</b>	€74	32% (Low)	★★★★★
<b>Expected Progeny Performance</b>				
Calving Difficulty	Beef Heifers (% 3&4)	10.8%	31% (Low)	0 Beef Records
	Beef Cows (% 3&4)	3.0%	59% (Average)	
★★★★★	Gestation Length (days)	3.0 days	33% (Low)	★★★★★
★★★★★	Docility (Scale)	-0.02 Scale	33% (Low)	★★★★★
★★★★★	Carcass Weight (Kg)	15.9 Kg	33% (Low)	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	1.70 Scale	33% (Low)	★★★★★
<b>Expected Daughter Performance</b>				
	Daughter calving diff (% 3&4)	5.5%	48% (Average)	
★★★★★	Daughter milk (kg)	0.8 Kg	33% (Low)	★★★★★
★★★★★	Daughter calving interval (d)	-1.5 days	31% (Low)	★★★★★



MGS, Hinz P P

- An outstanding quality homozygous polled Limousin bull
- O Mallet is a very long, correct bull with super temperament
- His dam is by Hinz P P, who is renowned for breeding good brood cows



Hinz daughter



# Ionesco PED

Code: **ION**  
DOB:15/01/93

HB No: LIMFRAM003693000206

Myostatin: +/- (2 F94L)



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€127	96% (V High)	★★★★★
★★★★★	Terminal Index	€132	94% (V High)	★★★★★
★★★★★	Dairy Beef Index	€87	86% (V High)	★★★★★

## Expected Progeny Performance

Calving Difficulty	Beef Heifers (% 3&4)	8.3%	96% (V High)	1526 Beef Records
	Beef Cows (% 3&4)	3.5%	99% (V High)	
★★★★★	Gestation Length (days)	3.9 d	99% (V High)	★★★★★
★★★★★	Dolality (Scale)	0.06	99% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	21.3 Kg	99% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	2.28 Scale	99% (V High)	★★★★★

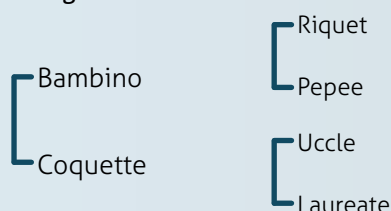
## Expected Daughter Performance

	Daughter calv diff (% 3 & 4)	5.1%	96% (V High)	
★★★★★	Daughter milk (kg)	-3.5 Kg	99% (V High)	★★★★★
★★★★★	Daughter calv interval (d)	-4.4 days	94% (V High)	★★★★★

- Ionesco is a proven all-round bull
- A huge fertility & docility improver
- Use him on high milk cows to breed the perfect replacements



Daughter



# Karlos PP PED

Code: **S3253**  
DOB:15/11/11

HB No: LIMDEUM000946557637

Myostatin: +/- (2 F94L)



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€103	39% (Average)	★★★★★
★★★★★	Terminal Index	€90	46% (Low)	★★★★★
★★★★★	Dairy Beef Index	€68	38% (Low)	★★★★★

## Expected Progeny Performance

Calving Difficulty	Beef Heifers (% 3&4)	8.3%	35% (V High)	51 Beef Records
	Beef Cows (% 3&4)	3.5%	80% (V High)	
★★★★★	Gestation Length (days)	3.2 d	81% (V High)	★★★★★
★★★★★	Dolality (Scale)	0.09	46% (Average)	★★★★★
★★★★★	Carcass Weight (Kg)	12.2 Kg	40% (Average)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	1.50 Scale	35% (Low)	★★★★★

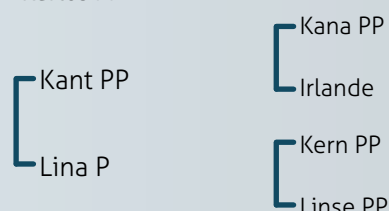
## Expected Daughter Performance

	Daughter calv diff (% 3 & 4)	6.6%	48% (Average)	
★★★★★	Daughter milk (kg)	2.4 Kg	32% (Low)	★★★★★
★★★★★	Daughter calv interval (d)	-0.8 days	33% (Low)	★★★★★

- Homozygous polled, all progeny born without horns
- Karlos is easy calving and 5 star within breed for gestation length
- Progeny are average in size, well-muscled and easily fleshed
- Good temperament



Karlos PP





# Tomschoice Onslow PED

Code: **LM5602**

DOB: 11/03/18

HB No: LIMGBRM124148300477

Myostatin: +/- (2 F94L)



Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	<b>Replacement Index</b>	€112	37% (Low)	★★★★★
★★★★★	<b>Terminal Index</b>	€170	40% (Low)	★★★★★
★★★★★	<b>Dairy Beef Index</b>	€108	37% (Low)	★★★★★
<b>Expected Progeny Performance</b>				
Calving Difficulty	Beef Heifers (% 3&4)	13.0%	38% (Low)	0 Beef Records
	Beef Cows (% 3&4)	4.2%	63% (High)	
★★★★★	Gestation Length (days)	2.2 days	36% (Low)	★★★★★
★★★★★	Docility (Scale)	-0.02 Scale	35% (Low)	★★★★★
★★★★★	Carcass Weight (Kg)	35.8 Kg	36% (Low)	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	2.63 Scale	35% (Low)	★★★★★
<b>Expected Daughter Performance</b>				
	Daughter calving diff (% 3&4)	4.8%	52% (Average)	
★★★★★	Daughter milk (kg)	-0.2 Kg	35% (Low)	★★★★★
★★★★★	Daughter calving interval (d)	1.9 days	33% (Low)	★★★★★



Sire, Mereside Leo

- A very well-muscled bull from the renowned Gigi family at Tomschoice
- Terminal Index of €170 -top 2% in the Limousin breed
- 5 Star for Carcass Weight & Carcass Conformation within & across breed
- Grand sire, Mereside Godolphin sold for 40,000gns at Carlisle May 2013



Kaprico Eravelle son, Tomschoice Imperial LM2117



# Powerhouse Italic PED

Code: **LM2090**

DOB: 30/03/13

HB No: LIMGBRM000PJH13-084

Myostatin: nt821/+ (1 F94L)



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€45	55% (Average)	★★★★★
★★★★★	Terminal Index	€147	72% (High)	★★★★★
★★★★★	Dairy Beef Index	€109	57% (Average)	★★★★★

## Expected Progeny Performance

Calving Difficulty	Beef Heifers (% 3&4)	10.8%	77% (High)	
	Beef Cows (% 3&4)	4.9%	81% (V High)	73 Beef Records
★★★★★	Gestation Length (days)	5.6 d	75% (High)	★★★★★
★★★★★	Docility (Scale)	-0.08	77% (High)	★★★★★
★★★★★	Carcass Weight (Kg)	29.0 Kg	81% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	3.01 Scale	76% (High)	★★★★★

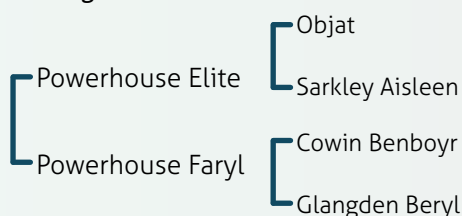
## Expected Daughter Performance

	Daughter calv diff (% 3 & 4)	4.9%	54% (Average)	
★★★★★	Daughter milk (kg)	-1.0 Kg	46% (Average)	★★★★★
★★★★★	Daughter calv interval (d)	3.4 days	40% (Average)	★★★★★

- Use Italic for extra performance & shape
- Top 1% of Limousins (& all breeds) for Carcass Conformation & Carcass Fat!
- Progeny finished 38 days earlier than herd mates!
- Progeny are long with exceptional muscle development



Red Ladies Derby 2019, daughter, Shaws Perrie 8,500gns



# Vulpian PED

Code: **LM6358**

DOB: 04/11/04

HB No: LIMFRAM001205098551 Myostatin: +/- (2 F94L)



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€90	59% (Average)	★★★★★
★★★★★	Terminal Index	€132	64% (High)	★★★★★
★★★★★	Dairy Beef Index	€94	56% (Average)	★★★★★

## Expected Progeny Performance

Calving Difficulty	Beef Heifers (% 3&4)	8.8%	52% (Average)	
	Beef Cows (% 3&4)	5.4%	79% (High)	0 Beef Records
★★★★★	Gestation Length (days)	4.4 d	47% (Average)	★★★★★
★★★★★	Docility (Scale)	-0.08	45% (Average)	★★★★★
★★★★★	Carcass Weight (Kg)	30.0 Kg	71% (High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	2.25 Scale	71% (High)	★★★★★

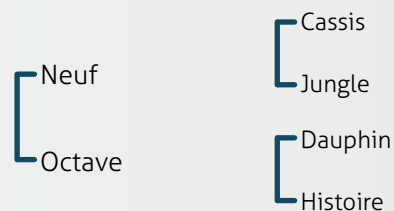
## Expected Daughter Performance

	Daughter calv diff (% 3 & 4)	5.9%	72% (High)	
★★★★★	Daughter milk (kg)	0.8 Kg	75% (High)	★★★★★
★★★★★	Daughter calv interval (d)	1.8 days	45% (Average)	★★★★★

- Proven French bull, easy calving suitable for maidens
- Use on well-muscled females
- Improver of calving ease and milk



Sire, Neuf





## Myostatin Gene

### Myostatin Variants

"Double Muscle", reduced fat  
Possibly Harder Calvings,

#### Non-Disruptive Variants

Identified as +/-  
F94L, S105C, D182N



#### F94L

Common in Limousin  
More Muscle, No  
adverse effects on  
Calving

#### Disruptive Variants

nt821, Q204X, C313Y,  
E226X, E291X, NT419



#### nt821

Most common in Belgian  
Blue & Parthenaise  
Higher Muscle, less fat  
Slightly heavier birth  
weight & lower calving  
ability

#### Q204X

Most common in Charolais  
Higher Muscle, less fat  
Heavier birth weight &  
lower calving ability/Milk

### Myostatin Carriers

#### Homozygous Non-disruptive

+/+  
No disruptive  
effects

#### Heterozygous Disruptive

nt821/+,  
Q204X/+  
Some effects

#### Homozygous Disruptive

nt821/nt821,  
Q204X/Q204X,  
Q204X/nt821  
Noticeable effects

muscling may result in increased birth weights & reduced calving ability of females.

A Myostatin genotype is a further item of information that will help you achieve your breeding goals, when used in conjunction with the index, knowledge of the pedigree & visual assessment.

**The status of our sires is available in the catalogue & online.** In line with our policy of providing all of the information we have available on our sires, we have printed the Myostatin status of all of our bulls in our beef catalogues for the past year.

The status of your females can be ascertained through genotyping. Knowing the status of both parents helps you, the breeder, to tailor the desired outcome of a mating to your preference.

The Myostatin (MH) gene is a recessive gene found in all mammals & influences the production of a protein that controls muscle development. Natural mutations cause a deletion in the bovine myostatin so the muscles keep growing, resulting in the double-muscling phenotype.

#### Effects Of Myostatin

The carcasses of double-muscling cattle kill out up to 19% higher than cattle that don't exhibit double muscling. This is due to a combination of increased muscle mass, reduced body fat, reduced bone mass & smaller internal organs. When muscle weight gain per unit energy intake is taken in to account, double-muscling cattle have better feed efficiency. Meat from double-muscling cattle tends to be of better quality due to a combination of increased tenderness, reduced fat content & a higher proportion of polyunsaturated fats.

The presence of Myostatin mutations has a beneficial effect on the carcass traits. However, difficulties may occur when carriers of the six disruptive MH variants are mated to each other leading to the potential for calving difficulty as a result of increased birth weight/compromised calving ability. This however can be avoided through knowledge of the status of both the male & the female in the mating.

#### Variants

Variant F94L, sometimes called 'the profit gene' has a high frequency in Limousin cattle; many have two copies i.e. are homozygous. This variant has been found to increase the size of muscle fibres with no associated increase in calving difficulty, or lowered fertility or longevity (non-disruptive).

Variant nt821 is commonly found in the Belgian Blue & Parthenaise breeds with lower frequency occurring in the Limousin, Shorthorn & Angus breeds. Homozygous animals exhibit: greater loin depths, large rounded rump & thighs, reduced fat cover & greater meat tenderness. However, unlike F94L, homozygous animals may also have slightly heavier birth weights & compromised calving ability in the females. Heterozygous animals (nt821/+) exhibit the above characteristics albeit to a lesser extent.

Variant Q204X is commonly found in the Charolais breed & with lower frequency in the Limousin breed. Homozygous animals exhibit: greater loin depths, large rounded rump & thighs, reduced fat cover & greater meat tenderness. However, they may also have heavier birth weights & slightly reduced milking ability & calving ability in females. Heterozygous animals (Q204X/+) exhibit the above characteristics albeit to a lesser extent.

#### Recommendations

Genotype all of your females. The myostatin status can be ascertained by Weatherbys once the genotype has been done.

If you want a MH-free herd (+/+), eliminate the carrier breeding females & use non-carrier sires only.

If you want to reap the improved carcass benefits of MH+ animals whilst limiting the negative aspects, then work with heterozygous animals e.g. (nt821/+), (Q204X/+). Do not mate heterozygous males with heterozygous females. Mate noncarrier females with heterozygous/homozygous bulls. Continue to genotype both breeding females & males to establish the MH status pre-breeding. In addition, assess calving ability of the female using visual assessment & the daughter calving index.

If you want to breed animals with extreme muscling use homozygous bulls with heterozygous/homozygous females. Beware that the extra

## Help your AI technician, do the job for you!

#### Proper Restraint

Proper placement of the semen is one of the main factors influencing success rate. Placement is a very specific procedure, it is crucial that the cow is properly restrained to maximise success. Proper restraint means that side to side, forward & backward movement are minimized. Concentration is required for precision, please avoid speaking with the technician as the insemination is being carried out.

#### Safety

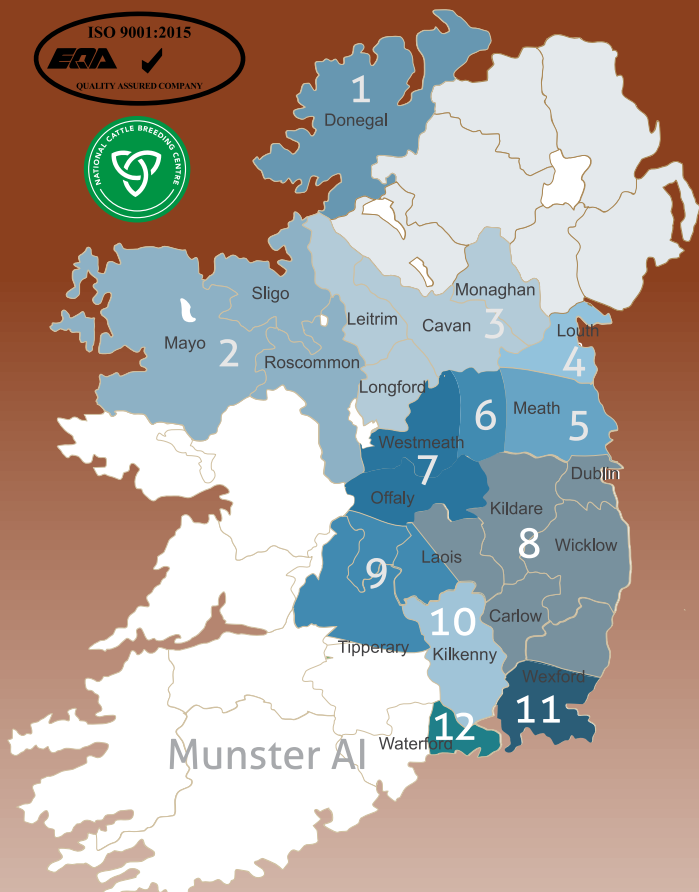
To ensure adequate restraint & the comfort & safety of man & beast, the crush should have a non-slip floor.

Avoid penning a suckler cow/heifer on her own for AI as she may become stressed & difficult to handle & inseminate.

#### Timing Of AI

The best time to inseminate a cow is when she is in standing heat & up to twelve hours later. If it is longer than twelve hours after the end of standing heat the results from A.I. will be reduced.





**Seamus Hughes**  
Sales Manager

087 - 2331235



**Shane Leane**  
Technical Sales Manager

086 - 7514121



**John Griffith**  
West Area Manager  
086 - 8431624  
Sligo, Mayo, Roscommon



**Stephen Connolly**  
Milk Recording & Milk Preg testing  
086 - 0318380  
046 - 9540606

Call Centre: 046-9541230 or 1850 20 20 50  
[www.progressivegenetics.ie](http://www.progressivegenetics.ie)

Enfield Office  
Rathcore, Enfield  
Co. Meath A83 KP98  
Tel: 046-9541230



## Beef Specialists



**John McDaniel**  
East of Ireland  
087 - 2360318  
Sales Areas 4, 5, 6  
Louth, Meath, North Dublin



**Martin Regan**  
West of Ireland  
086 - 8216253  
Sales area 2:  
Sligo, Mayo, Roscommon

## Breeding Advisor & Semen Sales



**1. Gerard McCool**  
087 - 2057588  
Donegal



**3. Deirdre Toal**  
087 - 2599314  
Monaghan, Longford, Cavan, Leitrim



**5. Michael Quinn**  
086 - 3892908  
East Meath, North Dublin



**6. Leo Davis**  
086 - 8197114  
Kells Area & Westmeath East



**7. Violet Nevin**  
087 - 6253395  
Westmeath, North Offaly



**8. Trevor Hanly**  
087 - 2272446  
087 - 9148922  
Carlow, Wicklow, Kildare, E Laois, Nth Wexford



**9. Sean Hayes**  
087 - 2757835  
Tipperary, West Laois, South Offaly



**10. Denis Dalton**  
087 - 6785875  
Kilkenny



**10. Ger Power**  
086 - 2158505  
Kilkenny



**10. John Fogarty**  
087 - 6752401  
Tipperary & Kilkenny



**11. Eugene Kehoe**  
087 - 6842846  
South Wexford



**12. David Phelan**  
086 - 8959558  
East Waterford

[www.progressivegenetics.ie](http://www.progressivegenetics.ie)