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PROGRESSIVE GENETICS



# Dairy Sires Catalogue Autumn 2020 – 2021

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Ireland Genetics is committed to bringing superior Irish beef and dairy genetics to the global farming community. Our genetics are developed by the National Cattle Breeding Centre (NCBC), on behalf of our shareholders, Munster Cattle Breeding Group and Progressive Genetics.

A line-up of independently proven sires, created through the application of pioneering innovation and expertise combined with unrivalled infrastructure and research, our beef and dairy breeding programmes are the largest and most successful in Ireland, delivering.

We breed cows to fit your farm so you don't have to constantly adapt your farm to fit their needs!

Profitable, fertile cows that live longer.

# INTRODUCTION

• 9 out of 10 of the most used beef sires in Ireland

• 9 out of 10 of the most used dairy sires in Ireland

## THE ECONOMIC BREEDING INDEX (EBI)

### The Irish Dairy Industry and the Development of The Economic Breeding Index (EBI)

The Economic Breeding Index (EBI) was developed to achieve the balance between financial, environmental and welfare needs of the Irish industry. EBI is a single figure profit index aimed at helping farmers identify the most profitable bulls and cows for breeding dairy herd replacements. It comprises of information on seven sub-indexes related to profitable milk production. These are; (i) milk production, (ii) fertility, (iii) calving performance, (iv) beef merit, (v) maintenance, (vi) management and (vii) health.

During their lifetime profitable dairy cows:

- produce more milk, fat and protein efficiently
- are more fertile
- last longer
- have less sickness
- are easy care
- have smaller greenhouse gas emissions as a proportion of output.

These characters have been captured in the EBI and the EBI is formulated using accurately estimated heritability's for the traits included and weighted in a balanced way to address profitability, sustainability and welfare for Irish Dairy Farmers. To remain relevant the formulation of the EBI is reviewed each year and tweaked based on the best data available at the time.

The two traits with the greatest emphasis are Production and Fertility.

#### Production

The Production sub-index is formulated to emphasise the growing value of milk Fat and Protein and the trend for payment systems to reward for extra Fat and Protein production.

### Fertility

Fertility has become the limiting factor for production in many modern herds and addressing the infertility issue is the single biggest problem facing most dairy farmers around the world. Cows that are slow going back in calf or fail to go back in calf significantly reduce farm profit and have negative welfare and environmental impacts.

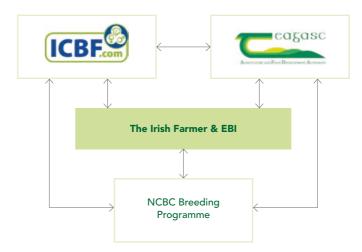
However cows with good fertility will:

- survive to mature lactations (3+ lactations)
- produce more milk per lactation (22% more in 3rd lactation compared to 1st lactation).

#### Figure 1: The Economic Breeding Index

Sub-index	Trait	Emphasis	Emphasis
Production	Milk (kg)	10.6%	33%
	Fat (kg)	3.4%	
	Protein (kg)	18.9%	
Fertility	Calving interval (d)	24.0%	35%
	Survival (%)	10.9%	
Calving	Calving difficulty dir (%)	2.9%	<b>9</b> %
	Calving difficulty mat (%)	1.4%	
	Gestation (d)	4.2%	
	Calf mortality (%)	1.0%	
Maintenance	Cow (kg)	7.3%	<b>7</b> %
Beef	Carcase weight (kg)	5.2%	<b>9</b> %
	Carcase conformation (units)	1.8%	
Health	Lameness	0.6%	3%
	Mastitis	0.8%	
	SCC	1.8%	
Management	Milking duration	2.1%	4%

### The Irish Cattle Breeding Industry and the Development of EBI



### **ICBF Independent National Database**

The Irish Cattle Breeding Federation (ICBF) is an independent body jointly owned by the industry stakeholders. The organisation is responsible for the development and maintenance of the National Cattle Breeding Database and providing services to farmers and the wider industry.

	Inseminations, Births & Pedigrees
	Movement Sales & Factory Records • 2.8 movements / yr • 2m slaughters / yr
ICBF Database 100k farms serviced	Research & Development
30m animals with 100m+ records	Genomics: 8.6m genotypes
	Milk Recording & Deliveries • 2.6m milk records / yr
	Animal Health & Veterinary

### Teagasc

Teagasc – the Agriculture and Food Development Authority – is the national body providing integrated research, advisory and training services to the agriculture and food industry and rural communities.

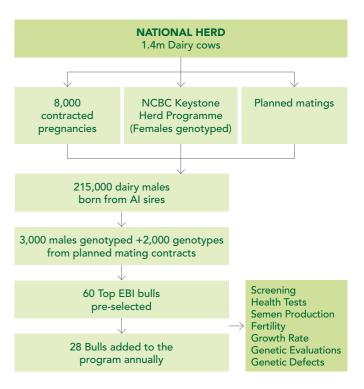
Teagasc has gained a worldwide reputation for its' innovative work, leading ground breaking research into the fields of breeding, feeding and management, for dairy and beef farms. In addition to their work on food processing and animal health, they also lead major projects exploring the relationship between farming and the environment.

### The NCBC Dairy Breeding Programme

Our breeding programme has been developed over the last 20 years through collaboration with the renowned researchers at Teagasc and the geneticists at the Irish Cattle Breeding Federation (ICBF). We have successfully adapted genomic technology which has resulted in a fourfold increase in the annual rate of genetic gain and Ireland now has over 1 million genotypes in our national database. Our collaborative group share a common objective of Profitable, Sustainable and Welfare friendly farming.

### Breeding Objectives:

- 1 calf per cow per year
- 1 kg of milk solids per kg of body weight
- 5+ lactations per cow



# ACHIEVE YOUR BREEDING GOALS

#### Genomic, ICBF May 2017

EBI & SUB INDEXES						
	€	Rel				
EBI	€282	55				
Production	€67	63				
Fertility	€164	51				
Calving	€34	85				
Beef	<b>-€</b> 15	44				
Health	€2	42				
Maintenance	€26	40				
Management	€3	15				

### **Economic Breeding Index**

EBI, Economic Breeding Index (€); Indicates the profit/lactation expected for a bull's progeny compared to an average animal. In practical terms, the latest work by Teagasc has indicated that each €1 gain in herd EBI is worth €1.96 in terms of additional net profit per cow per year.

**UNDERSTANDING EBI & HOW TO** 

#### Example

Taking a 100 cow herd with an average Herd EBI of €130 (equivalent to the top 1% of herds nationally) compared to a 100 cow herd with an average herd EBI of €70.

130 - 70 = €60 (difference in EBI)

60 x €1.96 = €118 per cow/year additional profit

€118 x 100 = €11,800 additional profit per year per 100 cows.

### How Can I Breed High EBI Replacement Heifer Calves?

This depends on what the actual Index values of the Bull and the Cow have. A High EBI Bull from the active bull list with an index of €280 and a low EBI Cow with an index of €12 will give you a calf with an index of €146. The calf's initial index is calculated by adding the index of the sire and dam together and dividing by two\*. This example shows us that breeding high EBI replacements can be achieved even if your cows do not have a high EBI figure to start with.



Calf





5.21	Daus	0
3.78	Herds	0

PRODUCTION

124

11.6

10.2

+0.11

+0.09

Daus

Herds

% Rel 63%

0

0

Milk (Kg)

Fat (Kg)

Fat %

Protein (Kg)

Protein (%)

**EERTILITY** 

### Results suggest that a fertility sub-index of almost €85, combined with good management, is necessary to achieve the required herd fertility performance targets (Buckley, 2017)

# 1st Lact 2nd Lact 3rd Lact (mature cows)

### The Performance of the Base Cow comes with a Caution

It can be hugely variable between years and within systems of milk production. So for example, while the 2005 born heifers in spring milk herds produced 4,929 kg milk in their first lactation, those born in winter milk herds produced 8,421 kg.

#### Milk Production

The daughters of a bull with a PTA of 134kg for milk yield would be expected to produce, on average, 100kg more milk per lactation than the daughters of a bull with a PTA of 34kg if their dams have equal genetic merit.

The daughters of a bull with a PTA of +0.11% for fat and +0.09% for Protein will produce milk with a 0.2% higher solid content compared to daughters of a bull with a PTA 0% of if their dams have equal genetic merit.

Note : The actual difference will not be exact for comparing individual daughters because no two daughters would get exactly the same combination of genes or be exposed to exactly the same environment.

#### Calving Interval (Days)

Bulls with negative values for CI will reduce calving interval of their daughters. Base cow is 400 days based on 2005 heifers.

### Survival %

Bulls with positive values will increase survival (longevity/herdlife) of their daughters. Base cow is 82.5%.

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Bas	se for production (305-da	y)
Milk Yield	Fat/Protein KG	Fat/Protein%
5538kg	216.3kg/188kg	3.9%/3.39%
6246kg	243.7kg/216.1kg	3.9%/3.46%
6587kg	258kg/227.1kg	3.92%/3.45%

The base for production & fertility is 2005 born heifers, calved and milk recorded in 2007.

CALVING			
Calving Diff	2.7	99	% Rel
Dau Calving	6.82	48	% Rel
Gest Len (Days)	-4.66	99	% Rel
Calf Mort	0.23	98	% Rel

### Calving Difficulty (CD%)

Calving difficulty (CD%) is directly related to the bull calving difficulty. Increasing CD% indicates increased incidence of difficult calving's.

#### Example

CD% of 2% means that 2% of a Bull's calves have been recorded difficult calving's i.e. 1 in 50.

For heifers the figure for CD% should be  $\leq 2.0\%$  with a reliability of  $\geq 90\%$ 

#### **Gestation Length**

Gestation Length is directly related to the length of gestation for the bull and does not include the dam effect. i.e. the duration of pregnancy.

#### Example

In Ireland the average gestation length for HO/FR is 282 days. Therefore, -3.31 days is equivalent to a gestation length of 279 days (excluding the dam effect).

BEEF		
Carcass Wt	-6	Average
Carcass Conf	-0.89	Average

### Beef

Beef value is related to the value of the cull cow based on weight and confirmation of carcass - and has a direct effect on calf value.

#### Example

In EBI, the beef value is balanced with the maintenance figure. The lower the figure the smaller the animal.

#### MAINTENANCE Maintenance €26 49

#### Maintenance

Animals of higher maintenance sub-index (i.e., genetically lighter) are indeed lighter animals. Each €10 increase in cow maintenance sub-index was associated with 41.6 kg lighter cow live-weight, (22,705 records).

#### Figure 1: Mean cow-liveweight across different maintenance sub-index values



ANAGEMEN. 0.01 Average Temperament Milking Speed -7.2 Average Milk Time (sec)

Milk Time (sec) indicates the speed of milking of a bulls' daughters. **Negative values are desired** – indicating that daughters take less time to be milked.

#### Example

per lactation.

### **Milking Temperament**

This indicates whether daughters of a bull are easy or difficult to handle in the milking parlour. Positive values are desired.

HEALTH		
Lameness	-0.04	Good
SCC	-0.03	Average
Mastitis (%)	-0.03	Good

The actual emphasis on health traits in the EBI is far greater than perceived. (Ring et al. 2016)

**Health Traits** 

traits in the EBI.

Individual cow SCC greater than 150,000 cells/ml or an individual heifer SCC greater than 120,000 cells/ml indicates infection in that animal.



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If a bull's daughters take on average 10 seconds longer per milking, that translates into an extra 1hr and 40 mins per daughter spent in the parlour

Bulls with negative values for lameness, SCC and Mastitis % will improve overall animal health traits of their daughters.

Animals with a poor breeding value for health traits will, on average, also be genetically inferior for production traits (i.e., milk production, fertility, carcass value) and survival traits and therefore, animals will be penalised for these

Herd Milk SCC levels above 100,000 mean you are losing money. On average mastitis costs farmers €60/cow/year.

## **EBI IN ACTION**

### Is EBI Working for Irish Dairy Farmers?

Ireland is the only country in the world that can collate large data sets of farm financial performance and link farm profitability to genetic merit (Ramsbottom, 2017). This being said, the latest work by Teagasc has indicated that each €1 gain in herd EBI is worth €1.96 in terms of additional net profit per cow per year.

Applying these figures to a herd with an EBI of €130 (equivalent to the top 1% of herds nationally) relative to the average herd (at €70); this equates to a difference of €118/cow/year, or €11,800 for a 100 cow herd.

These findings confirm two things:

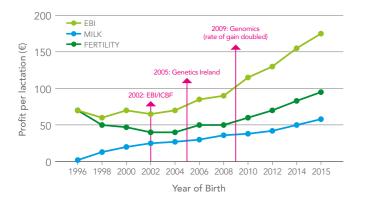
- Firstly, that the EBI model has held well as the dairy industry transitions from a quota to a post-quota environment;
- Secondly, that selecting bulls on the basis of EBI remains the appropriate choice for profit focused dairy farmers.

### Trends in EBI, Milk and Fertility Traits

From the inception of EBI, we have been able to consistently improve our profit per lactation year on year.

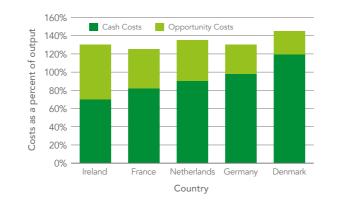
With the implementation of genomics, EBI has delivered approx. €587m additional profit to the Irish dairy industry since 2002. With the current rate of gain, this additional profit is expected to double (€1.15bn) by 2020.

#### Figure 1: Trends in EBI, milk and fertility traits 1996-2015



## Figure 2: Estimated cash and economic costs as a per cent of milk output for specialist milk producers in EU(2015)

Ireland is still one of the lowest cash cost producers of milk internationally. (Thorne et al. 2017)

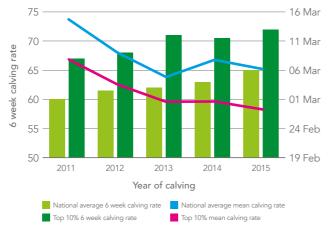


#### EBI and Fertility

The 6 week calving rate in the national herd is continuously improving, with the top 10% of herds at 75% in 2016.

The mean calving date has also been reducing by two days year on year.

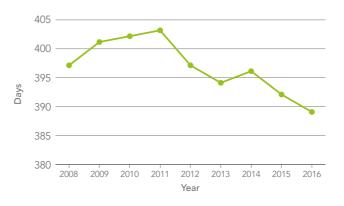




With days in milk proving vital to the success on a dairy farm, farmers are focusing hard on reducing their calving interval by improving their fertility and reducing their calving to 1st service interval.

Currently, 47% of Irish herds have a calving interval of ≤365 days. Across all herds, calving interval is reducing by on average 3 days per annum.

#### Figure 4: Calving Interval



#### Figure 5: Fertility figures globally

КРІ	ROI	UK	USA	NZ	AUS	Latam
Calving Interval (days)	387	414	439	370	401	400
Conception Rate 1st service %	58	33	35	52	38	40

The current calculated cost for each day over 365 days for Calving Intervals in the UK is £6.85 per cow and the current calculated cost in the Republic of Ireland is €12.

For every 10 days, this is equivalent to €120 or £68.50.

In the UK this is equivalent to the following:

414 days – 365 days = 49 days x £6.85 = £335.65 per cow.

The current average UK Dairy Herd size is 143 cows.

 $f335.65 \times 143$  cows = f47,997.95 cost to the average UK Dairy farm per annum.

### EBI and Health

#### Figure 6: Mastitis and somatic cell count

Country	Ireland	USA	Denmark	UK	NZ
Somatic cell count SCC 2016	175,000	203,000	200,600	185,000	187,000

8

#### Figure 7: SCC & farm profitability

SCC cells/ml	<100,000 cells/ml	100,001 – 200,000 cells/ml	200,001 – 300,000 cells/ml	300,001 – 400,000 cells/ml	400,000 cells/ml
Net Farm Profit €	31,252	26,771	19,661	16,936	11,768
Incidence of infection on farm	>20%	20%	30%	40%	<40%
Litres lost per cow per lactation	0	-174	-309	-367	-422

Impact of Mastitis on the physical and financial outputs of a typical 40 hectare farm.

According to Animal Health Ireland, in the last five years, a huge change has been made through alternative breeding goals and management practices, reducing the 243 cells/ml to an outstanding 175 cells/ml.

## **RESEARCH INTO PRACTICE:** THE NEXT GENERATION HERD

#### Figure 8.

	Elite	Nat. Avg.	Diff.
Milk yield (kg/cow)	5642	5911	-269
Fat (%)	4.52	4.22	0.3
Fat (kg)	258	252	6
Protein (%)	3.74	3.54	0.2
Protein (kg)	215	213	2
Milk solids yield (kg/cow)	473	465	8
Somatic cell count ('000 cells/ml)	110	128	-18
Milk receipts (30 c/l)	1988	1947	41
Submission rate (%)	92	86	6
Conception 1st service (%)	60	46	14
6 week in-calf rate (%)	73	58	15
Final pregnancy rate 12 weeks (%)	92	81	11
Calving to conception interval	97	101	-4
No. of services	1.57	1.77	0.2
Average body condition score	2.94	2.75	0.19
Average live weight (kg)	514	523	-9

Irish farmers and researchers seek to ensure we are going in the right direction! To this end we have established some research herds to validate our progress.

One such herd is called the "Next Generation Herd" which is based at the Teagasc Research facility at Moorepark. There is a very simple premise for this herd by assembling two groups of animals the "Elite" group (High EBI) and the "National Average" (NA) group, (animals with EBI's close to the national average). It is a young herd with a feed rate of 0.09 Kg / cow / litre.

The two groups have been managed as a single genotyped herd over a number of years, any differences between the groups will be accounted for by genetic differences only.

Results show "Elite" animals to have lower milk yields with an improved milk composition, as well as exceptional reproductive performance, reducing calving interval by 4.2 days, increasing submission rate to 90% and conception rates up to 60% etc., showing the more profitable genetics available to farmers through the use of EBI.

#### Figure 9: EBI summary of the Next Generation Herd

Sub-indices (€)										
		Milk	Fert	Calving	Beef	Maint	Health	Mgt		
Elite	154	37	80	33	-12	13	1	2		
Nat. Avg.	51	17	13	26	-8	2	1	0		

#### Figure 10: Production figures of the Next Generation Herd

Production									
	Milk (Kg)	Fat (Kg)				Calving Interval (d)			
Elite	-18	7.2	0.14	4.2	0.08	-4.2	2.3		
Nat. Avg.	46	4.1	0.04	2.5	0.02	-0.9	0.2		

## **AI ON MAIDEN HEIFERS IS MONEY WELL SPENT**

### Security at Calving

- Accurate Easy Calving figures
- Heifers hit the ground running
- Will go back in-calf easier

### They should have higher conception rates. Increases the number of possible replacements.

#### Figure 11: Synchronisation programme for maiden heifers

	SYNCHRONISATIO	ON PROGRAMME FOR MAIDEN HEIFERS
	Day 0	Introduce vasectomised bull 1 week in advance or or crayons.
	Day 1–7	Al heifers when on heat. Will get 1/3 this week.
	Day 7 or 8	Inject PG to all heifers not bred, usually 2/3 of ther on heat.
		Majority will be on heat 48-72 hours post injection this time.
	Day 18 or 19	Reinject PG to those not bred. Should be very few
	Al heifers when on heat or 72 and 96 hours post 2 Watch for all repeats.	



### Heifers are your Best Genetics

Get your Heifers bred quickly using a simple, reliable sysnc programme where necessary.

apply scratch cards

m AI heifers when

on. Be extra vigilant at

w heifers. 2nd PG injection.

# BULL INDEX AND SUMMARY

Al Code	Name	Pedigree	Proof	EBI	Milk SI	Fert SI	Calv SI
FR4547	(IG) DOONMANAGH SEVILLE	PED	GS	289	111	127	58
FR4728	(IG) KILFEACLE PIVOTAL	PED	GS	310	124	114	57
FR6163	(IG)CRUACH VALEGRO SRM	SRM	GS	289	95	131	48
FR4513	(IG) BALLYGOWN ALBERT	PED	GS	289	135	95	53
FR5803	(IG) HIGHMOUNT STARK	PED	GS	275	123	93	42
FR5530	(IG) RATHLANNON ESMONDE SRM	SRM	GS	281	111	129	25
FR4482	(IG) SPRINGHAVEN SUPREME*	PED	GS	274	88	138	46
FR6085	(IG) OLCASTLETOWN PICASSO	PED	GS	270	135	89	48
FR5208	(IG) PALLASKENRY ARCO SRM	SRM	GS	271	60	144	42
FR6145	(IG)PARKDUV ANDES	PED	GS	267	101	98	52
FR5908	(IG) CARRAIGBUI STRADA SRM	SRM	GS	254	93	105	57
FR6142	(IG)WATERWHEEL COSWORTH SRM	SRM	GS	256	74	111	60
FR6139	(IG)LISDUFF PERCEPTION	PED	GS	252	100	99	39
FR4760	(IG) CORNASLIEVE VIRGINIA	PED	GS	242	95	108	31
FR4510	(IG) RONNOCO MILAN*	PED	GS	244	95	116	26
FR4842	(IG) BALLYMADDOCK HEYWOOD	PED	GS	247	77	128	55
OTS	(IG) BALLINTOSIG RING O	PED	DP-IRL	281	94	107	57
FR4337	(IG) GABRIEL ZORO*	SRM	GS	243	102	89	44
YKA	(IG) ARDKYLE MOUNT EVERET	SRM	DP-IRL	267	89	118	49
FR4588	(IG) BRIDESTREAM LEVERET	JEX	GS	257	94	71	55
LHZ	(IG) LAURAGH EVERT	PED	DP-IRL	256	68	133	36
FR4738	(IG) BALLYMAW NOVA SRM*	SRM	GS	239	98	85	47
FR4515	(IG) WATERWHEEL WINSTON	SRM	GS	250	42	142	42
FR4545	(IG) BALLYDOOGAN TEMPLE	PED	GS	244	94	73	59
PKR	(IG) PARKDUV MOUNT EVEREST	PED	DP-IRL	236	77	121	24
FR4532	(IG) CAHERAGH MAYSON	SRM	GS	243	123	55	56
FR4540	(IG) CLOONEYBEAG EXCEED	SRM	GS	234	99	80	54
РНС	(IG) CURRIHEVERN RUDOLPH	PED	DP-IRL	233	93	84	41
FR5313	(IG)FARNIVANEADH ARAMON SRM	SRM	GS	225	90	71	57
FR4686	(IG) MOUNTDUDLEY JOKER	PED	GS	233	107	72	39
FR2298	(IG) OLCASTLETOWN RONALDO	PED	DP-IRL	223	82	92	33
FR2056	(IG) MODELIGO WHISPER	SRM	DP-IRL	228	74	81	64
OET	(IG) OLDCASTLETON EARNEST	PED	DP-IRL	219	53	123	44
FR2036	(IG) DERRYLAMOGUE VINCENT	PED	DP-IRL	218	70	113	41
FR2239	(IG) DIAMOND ANTON	SRM	DP-IRL	205	79	75	50
FR4548	(IG)CAPPASOUTH KAPRI	PED	GS	195	70	73	57
FR4164	(IG) NEXTGEN ACTION	SRM	DP-IRL	188	52	96	46
OMG	(IG) MODELIGO GRAND MAN	SRM	DP-IRL	202	50	94	44
FR4197	(IG) CALIBER CORDAL	PED	DP-IRL	191	49	90	53

Beef SI	Health SI	Maint SI	Milk Kg	Solids Kg	Fat %	Prot %	HFR Calv	Gest
-16	2	5	-35	28	0.28	0.25	Y	-6
-11	5	15	346	40	0.12	0.12	Y	-5
-4	14	2	73	28	0.24	0.15		-4
-11	5	4	356	43	0.15	0.14		-6
-9	6	17	201	37	0.21	0.17		-3
1	5	9	100	32	0.24	0.18		-4
-11	8	1	182	26	0.09	0.12		-4
-13	2	2	358	43	0.14	0.14		-5
-22	17	24	-166	15	0.31	0.17	Y	-4
-5	12	6	228	32	0.15	0.11	Y	-5
-3	-3	1	272	30	0.08	0.09		-5
-19	11	14	107	23	0.15	0.1		-5
-5	13	-2	397	34	0.03	0.06		-3
-6	12	1	121	27	0.17	0.15	Y	-3
-12	14	7	-9	23	0.2	0.22		-3
-20	2	2	-35	23	0.31	0.14	Y	-5
1	13	6	128	29	0.21	0.13	Y	-5
-11	6	8	3	25	0.2	0.23		-5
-14	12	12	-15	24	0.26	0.18	Y	-4
-14	19	21	-10	25	0.24	0.2		-5
-16	9	21	-45	18	0.22	0.15		-3
-12	4	9	208	31	0.16	0.11		-5
-14	17	15	70	13	0.08	0.06		-4
-4	14	7	515	33	-0.1	0.02	Y	-5
-12	5	18	172	25	0.12	0.08		-1
-8	3	11	158	40	0.32	0.15	Y	-5
-15	5	8	341	28	-0.07	0.12	Y	-5
-11	9	15	-44	24	0.26	0.21		-4
1	1	1	312	30	0.06	0.07		-5
-10	14	12	250	34	0.15	0.12	Y	-3
-3	8	5	114	22	0.09	0.14	Y	-3
-9	4	18	97	25	0.24	0.08	Y	-6
-11	2	9	161	16	0.02	0.06	Y	-4
-20	8	8	29	14	0.03	0.18	Y	-3
5	-7	1	382	28	-0.03	0.03		-5
-24	4	15	22	16	0.09	0.16	Y	-6
-22	2	16	131	15	0.01	0.07		-5
-10	6	7	-44	15	0.22	0.1	Y	-4
-16	6	15	-28	10	0.09	0.13	Y	-4

Tier 1 Bulls

Tier 2 Bulls Tier 3 Bulls

```
Tier 4 Bulls
```

\* Sexed semen available

### (IG) DOONMANAGH SEVILLE PED



HB No.: HOLIRLM214299461179 Bred by: John P. Galvin, Lispole, Co. Kerry Date of Birth: 24/02/2017 Breed: HO Beta Casein: A2A2 Kappa Casein: aAa: 432516 Colour: 0

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
4 Lact	6941	296	279	575	4.82	4.30	371
Average	6045	274	245	519	4.56	4.04	351
Life (4 Lct)	19654	889	783	1672	4.52	3.98	

Sire: COOLNASOON ART / FR2249

Dam: DOONMANAGH FJM SNOWDROP 2

G Sire: DOONMANAGH HMY MOSSY / FJM

## (IG) KILFEACLE PIVOTAL PED



Sire: (IG) LONGVIEW RELIABLE / LWR
Dam: KILFEACLE OLIVE 1589
G Sire: (IG) LAURAGH EVERT /LHZ

	gs F+P BFat% Ptn% Clv Int
<b>4 Lact</b> 9873 359 345	704 3.64 3.49 370
Average 8139 314 289	603 3.89 3.54 353
Life (4 Lct) 27944 1086 984	2070 3.89 3.52

EBI & SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100
EBI	289	63										
Production	111	78										
Fertility	127	46										
Calving	58	88										
Beef	-16	56										
Health	2	65										
Maintenance	5	48										
Management	3	56										

Dairy Heifer

Dairy Cow

BEEF

TYPE

Udder

Carcass Wt

Carcass Conf

Feet and Legs

Calving Diff %

Calving Diff %

5.7

2.2

5.4

-5.8

-8

-0.6

-0.2 -1.1

IRL Code: FR4547

AI Code: HO5498

90 % Rel

96 % Rel

42 % Rel

99 % Rel

Average

-0.1 94 % Rel

-0.7 Average

IRL Code: FR4728

86 % Rel

97 % Rel

48 % Rel

99 % Rel

95 % Rel

Average

Average

Milk (Kg) -35 Daus 0 Fat (Kg) 14.5 Herds 0 Protein (Kg) 13.2 % Rel 78 Fat % +0.28 Dau Calving +0.25 Protein (%) Gest Len (Days) Calf Mort FERTILITY Calving Int (Days) -7.0 Daus 0 +3.2 Herds 0 Survival (%) HEALTH Lameness -0.01 Average SCC 0.00 Average Overall

-----

### MANAGEMENT

Mastitis (%)

PROD

Average 0.11 Temperament

Milking Speed 3 Average

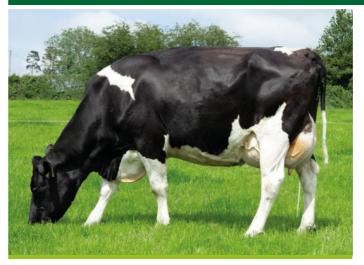
-0.01

Average

				Al Code: HO6538								
<b>Э</b> NCBC				C	Gen	omi	c, IC	CBF	Oct	obe	er 20	020
EBI & SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
EBI	310	64										
Production	124	78										
Fertility	114	49					- 1					
Calving	57	88					- 1					
Beef	-11	51										
Health	5	68				- 0						
Maintenance	15	47										
Management	6	59					- 1					

N			CALVING	
		-	Dairy Heifer	4.8
20.9 H	erds (	)		
	Rel 7	8		2.1
+0.12				4.7
+0.12			5	
			Gest Len (Days)	-4.9
			Calf Mort	-0.3
ays) -6.5	Daus	0		
±2.6	Hords	0	BEEF	
12.0	Tierus	0	Carcass Wt	-5
			Carcass Conf	-0.7
-0.07	Good			
0.08	Avorac	10	TYPE	
	0	·	Overall	-1.4
-0.04	Good	1	Udder	-1.0
NT			Feet and Legs	-1.5
t 0.09	Averag	le		
	346 D 20.9 H 19.0 % +0.12 +0.12 -0.12 -0.07 0.08 -0.04	346 Daus ( 20.9 Herds ( 19.0 % Rel 7 +0.12 +0.12 +0.12 -0.07 Daus +2.6 Herds -0.07 Good 0.08 Averag -0.04 Good	346       Daus       0         20.9       Herds       0         19.0       % Rel       78         +0.12       -       -         +0.12       -       -         ays)       -6.5       Daus       0         +2.6       Herds       0         -0.07       Good       0         0.08       Average       -         -0.04       Good       -	346Daus020.9Herds019.0% Rel78+0.12-+0.12-+0.12-+0.120.07Good-0.04Good-0.04Good-0.07Feet and Legs

### (IG) CRUACH VALEGRO SRM



HB No.: HOLIRLM218699882180 Bred by: Mark O'Brien, Rathmoyle, Co Kilkenny Date of Birth: 11/03/2019 Breed: HO Beta Casein: A2/A2 Kappa Casein: aAa: #N/A Colour: 0

Sire: (IG) DIAMOND ANTON Dam: CRUACH LHZ SALLY 1372 (VG 85) G Sire: IMLEACH LUCKY GLOSS

5 Lact 75	547 3						
J Laci / S	04/ 3	378	307	685	5.01	4.07	388
Average 68	390 3	32	272	603	4.79	3.95	358
Life (5 Lct) 29	634 1	392 <sup>-</sup>	1150 2	2542	4.70	3.88	

## (IG) BALLYGOWN ALBERT PED



HB No.: HOLIRLM218391261487 Bred by: Seamus Knox, Piltown, Co Kilkenny Date of Birth: 04/02/2017 Breed: HO Beta Casein: A1A2 Kappa Casein: aAa: 351426 Colour: 0

Sire: COOLNASOON ART / FR2249 Dam: BALLYGOWN PKK LUCY (VG 86) G Sire: PARKDUV MARK / PKK

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
6 Lact	8951	518	367	885	5.91	4.25	456
Average	7901	429	318	747	5.43	4.02	388
Life (6 Lct)	39976	2162	1601	3763	5.41	4.00	

14 Ireland Genetics

#### IRL Code: FR6163 AI Code: HO6539

Genomic, ICBF October 2020



#### EBI & SUB INDEXES

	€	Rel	10%	20%	3
EBI	289	59			
Production	95	77			
Fertility	131	46			
Calving	48	57			
Beef	-4	46			
Health	14	66			
Maintenance	2	46			
Management	3	59			

PRODUCTION							
Milk (Kg)	73	Daus	0				
Fat (Kg)	16.8	Herds	0				
Protein (Kg)	11.3	% Rel	77				
Fat %	+0.24						
Protein (%)	+0.15						

#### FERTILITY

Calving Int (Days)	-7.6	Daus	0
Survival (%)	+2.8	Herds	0

HEALTH		
Lameness	-0.05	Good
SCC	-0.10	Good
Mastitis (%)	-0.07	Good

MANAGEMENT		
Temperament	0.02	Average
Milking Speed	-8	Average

30%	40%	50%	60%	70%	80%	90%	100%

#### CALVING Dairy Heifer Calving Diff % 4.8 56 % Rel Dairy Cow 64 % Rel 1.9 Calving Diff % Dau Calving 5.4 44 % Rel Gest Len (Days) -4.1 61 % Rel Calf Mort -0.4 47 % Rel

BEEF		
Carcass Wt	-2	Average
Carcass Conf	-0.4	Above Ave

TYPE	
Overall	-1.1
Udder	-1.2
Feet and Legs	-0.9

#### IRL Code: FR4513 Al Code: HO5701

## **У** NCBC

EBI & SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	1009
EBI	289	64										
Production	135	78										
Fertility	95	47										
Calving	53	90										
Beef	-11	63										
Health	5	67										
Maintenance	4	51										
Management	8	59										

PRODUCTION										
Milk (Kg)	356	Daus	0							
Fat (Kg)	22.8	Herds	0							
Protein (Kg)	20.3	% Rel	78							
Fat %	+0.15									
Protein (%)	++0.14									

FERTILITY				
Calving Int (Days)	-3.9	Daus	0	
Survival (%)	+3.8	Herds	0	
HEALTH				
Lameness	-0.06	Good		
SCC	0.00	Average		
Mastitis (%)	-0.01	Averag	je	
MANAGEMENT				
Temperament	0.13	Averag	je	
Milking Speed	-11	Fast		

CALVING			
Dairy Heifer Calving Diff %	6.8	97	% Rel
Dairy Cow Calving Diff %	2.5	99	% Rel
Dau Calving	5.4	45	% Rel
Gest Len (Days)	-5.8	99	% Rel
Calf Mort	-0.3	99	% Rel
BEEF			
Carcass Wt	-4	Av	rage
Carcass Conf	-0.9	Av	erage
TYPE			

TYPE		
Overall	0.2	
Udder	0.3	
Feet and Legs	-0.3	

### (IG) HIGHMOUNT STARK PED



HB No.: HOLIRLM219799392209 Bred by: John Hannigan, Dromcollogher, Co. Limerick Date of Birth: 03/03/2019 Breed: HO Beta Casein: A2/A2 Kappa Casein: aAa: #N/A Colour: 0

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs		BFat%	Ptn%	Clv Int
5 Lact	7992	332	295	627	4.16	3.69	404
Average	7537	306	279	585	4.06	3.70	385
Life (5 Lct)	32166	1283	1179	2462	3.99	3.67	

Sire: (IG) OLCASTLETOWN RONALDO

G Sire: GADDAGH CUDDY REEKS

Dam: HIGHMOUNT LHZ CATHERINE (VG 87)

### (IG) RATHLANNON ESMONDE SRM



HB No.: HOLIRLM223950772941 Bred by: Teagasc, Johnstown Castle Date of Birth: 23/10/2018 Breed: HO Beta Casein: A2/A2 Kappa Casein: aAa: #N/A Colour: 0	Sire: (IG) OLCASTLETOWN RONALDO Dam: RATHLANNON RITA 2282 (VG 86) G Sire: GADDAGH CUDDY REEKS

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
4 Lact	8098	378	323	701	4.67	3.99	400
Average	7300	337	287	624	4.61	3.92	364
Life (4 Lct)	29151	1342	1145	2487	4.60	3.93	

Calving		42	51	
Beef		-9	46	
Health		6	67	
Maintenance		17	46	
Management		3	58	
PRODUCTIO	N			CALVING
Milk (Kg)	201	Daus	0	Dairy Heifer
Fat (Kg)	20.5	Herds	0	Calving Diff %
Protein (Kg)	16.8	% Rel	79	Dairy Cow
Fat %	+0.21			Calving Diff %
Protein (%)	+0.17			Dau Calving
				Gest Len (Days)
FERTILITY				Calf Mort
Colving Int (F		1.4 Day	IC 0	

Rel

59

79

47

€

275

123

93

IRL Code: FR5803

AI Code: HO6540

60% 70% 80% 90%

4.0 57 % Rel

63 % Rel

42 % Rel

48 % Rel

Average

-0.3 46 % Rel

-0.4 Average

IRL Code: FR5530 Al Code: HO6541

8.3 55 % Rel

-0.3 47 % Rel

-0.4 Above Ave

65 % Rel

42 % Rel

46 % Rel

Average

3.5

5.1

-3.5

0

-0.9 -1.3

0.5

2.7

5.0

-3.4

-4

-0.5

-0.8 -0.5

Genomic, ICBF October 2020

 Calving Int (Days)
 -4.4
 Daus
 0

 Survival (%)
 +3.0
 Herds
 0

 HEALTH
 Lameness
 -0.03
 Good

**У** NCBC

EBI

Production

Fertility

EBI & SUB INDEXES

#### 

Temperament0.20GoodMilking Speed12Below Ave

Iliking speed 12 Below Ave

								. 00	ac.	10		
<b>У</b> NСВС				C	Gen	omi	c, IC	CBF	Oct	obe	er 20	020
EBI & SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	1009
EBI	281	59										
Production	111	79										
Fertility	129	46										
Calving	25	51										
Beef	1	47										
Health	5	66										
Maintenance	9	51										
Management	1	56										

REFI

Overall

Udder

Carcass Wt

Carcass Conf

Feet and Legs

PRODUCTIO	N			CALVING
Milk (Kg)	100	Daus	0	Dairy Heifer
Fat (Kg)	18.1	Herds	0	Calving Diff %
Protein (Kg)	14.0	% Rel	79	Dairy Cow Calving Diff %
Fat %	+0.24			Dau Calving
Protein (%)	+0.18			3
				Gest Len (Days)
FERTILITY				Calf Mort
Calving Int (D	avs) -7	.6 Dau	is 0	
				BEEF
Survival (%)	+2	.6 Hero	ds 0	Carcass Wt
HEALTH				Carcass Conf
Lameness	-0.0	3 Go	bod	ТҮРЕ
SCC	0.0	0 Ave	rage	Overall
Mastitis (%)	-0.0	3 Go	bod	
				Udder
MANAGEME	NT			Feet and Legs
Temperament	+ 00	6 Ave	rage	

Temperament0.06AverageMilking Speed4Average

(IG) SPRINGHAVEN SUPREME PED



HB No.: HOLIRLM219543774689 Bred by: Robert Troy, Newtownshandrum, Co Cork Date of Birth: 06/02/2017 Breed: HO Beta Casein: A2A2 Kappa Casein: aAa: 435216 Colour: 0 Sire: (IG) LONGVIEW RELIABLE / LWR Dam: SPRINGHAVEN YRC MELANIE 3859 G Sire: CURRA ROY / YRC

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
4 Lact	6621	312	249	561	4.90	3.94	374
Average	6138	279	235	514	4.54	3.83	368
Life (4 Lct)	21266	960	803	1763	4.51	3.78	

## (IG) OLCASTLETOWN PICASSO PED



HB No.: HOLIRLM218577572066 Bred by: Robert Drake, Co Cork Date of Birth: 04/03/2019 Breed: HO Beta Casein: A1/A2 Kappa Casein: aAa: #N/A Colour: 0 Sire: (IG) BALLYGOWN ALBERT Dam: OLCASTLETOWN AVA PICASSO G Sire: COOLNASOON ART

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
1 Lact	4800	192	181	373	4.01	3.77	-
Average	4800	192	181	373	4.01	3.77	-
Life (1 Lct)	5324	219	205	424	4.11	3.85	

16 Ireland Genetics

#### IRL Code: FR4482 Al Code: HO6542



#### EBI & SUB INDEXES

	€	Rel	10%	20%
EBI	274	64		
Production	88	78		
Fertility	138	48		
Calving	46	88		
Beef	-11	56		
Health	8	66		
Maintenance	1	50		
Management	2	56		

PRODUCTION					
Milk (Kg)	182	Daus	0		
Fat (Kg)	12.2	Herds	0		
Protein (Kg)	13.4	% Rel	78		
Fat %	+0.09				
Protein (%)	+0.12				

#### FERTILITY

Calving Int (Days)	-8.7	Daus	0
Survival (%)	+2.3	Herds	0

HEALTH		
Lameness	-0.01	Average
SCC	-0.08	Average
Mastitis (%)	-0.05	Good

MANAGEMENT		
Temperament	-0.08	Average
Milking Speed	-17	Fast

30%	40%	50%	60%	70%	80%	90%	100%

Genomic, ICBF October 2020

#### CALVING Dairy Heifer Calving Diff % 7.0 80 % Rel Dairy Cow 98 % Rel 2.7 Calving Diff % Dau Calving 4.8 46 % Rel Gest Len (Days) -4.4 99 % Rel Calf Mort -0.9 98 % Rel

BEEF		
Carcass Wt	-5	Average
Carcass Conf	-0.8	Average

TYPE	
Overall	-0.3
Udder	-0.7
Feet and Legs	0.1

#### IRL Code: FR6085 Al Code: HO6537

## **У** NCBC

#### EBI & SUB INDEXES

EBL& SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100
EBI	270	50										
Production	135	69										
Fertility	89	35										
Calving	48	50										
Beef	-13	40										
Health	2	59										
Maintenance	2	38										
Management	8	51										

PRODUCTIO	N		
Milk (Kg)	358	Daus	0
Fat (Kg)	22.4	Herds	0
Protein (Kg)	20.5	% Rel	69
Fat %	+0.14		
Protein (%)	+0.14		

FERTILITY				
Calving Int (Days)	-4.2	Daus	0	
Survival (%)	+2.9	Herds	0	
HEALTH				
Lameness	-0.04	Good		
SCC	0.03	Averag	je	
Mastitis (%)	0.00	Average		
MANAGEMENT				
Temperament	0.14	Averag	je	
Milking Speed	-9	Averac	le	

0.1.1 <i>1</i> 110			
CALVING			
Dairy Heifer Calving Diff %	6.3	59	% Rel
Dairy Cow Calving Diff %	2.6	62	% Rel
Dau Calving	5.6	34	% Rel
Gest Len (Days)	-5.3	48	% Rel
Calf Mort	0.2	47	% Rel
BEEF			
Carcass Wt	-4	Av	erage
Carcass Conf	-1.0	Bel	ow Ave

ТҮРЕ		
Overall	-0.2	
Udder	-0.1	
Feet and Legs	0.3	

### (IG) PALLASKENRY ARCO SRM



HB No.: HOLIRLM222171694317 Bred by: Salesian College, Pallaskenry, Co Cork Date of Birth: 12/02/2018 Breed: HO Beta Casein: A2/A2 Kappa Casein: aAa: 432561 С

Colour: 0							
DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
3 Lact	6219	324	219	543	5.20	3.52	386
Average	5195	260	182	441	4.96	3.48	352

Sire: (IG) BALLINTESKIN ARNOLD / FR4021

Dam: PALLASKENRY BGJ BLOSSOM 3042

G Sire: BAGWORTH PF GRANDEUR S1F / BGJ

Average	5195	260	182	441	4.96	3.48	352
Life (3 Lct)	12945	631	440	1071	4.87	3.40	

## (IG) PARKDUV ANDES PED



DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs		BFat%	Ptn%	Clv Int
4 Lact	8055	347	288	635	4.31	3.58	382
Average	7289	318	258	576	4.36	3.54	362
Life (4 Lct)	24856	1084	870	1954	4.36	3.50	

	AI Code: -	
Genomic,	ICBF October 2020	

IRL Code: FR5208

4.5 53 % Rel

68 % Rel

35 % Rel

78 % Rel

Lighter

0.5 55 % Rel

-0.7 Average

IRL Code: FR6145 Al Code: HO6536

% Rel

2.0

5.6

-3.7

-12

-0.9

-1.2 -0.2

Feet and Legs

Code: -

<b>У</b> NCBC				C	Gen	omi	c, IC	:BF	Oct	obe	er 20	020
EBI & SUB INDEXE	S											
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
EBI	271	57										
Production	60	76										
Fertility	144	41										
Calving	42	64										
Beef	-22	49										
Health	17	60										
Maintenance	24	49										
Management	7	51										

PRODUCTIO	N					CALVING
					<u> </u>	
Milk (Kg)	-166	-	aus	(		Dairy Heifer Calving Diff %
Fat (Kg)	10.7	He	erds	0	)	3
Protein (Kg)	3.9	%	Rel	7	6	Dairy Cow Calving Diff %
Fat %	+0.31					3
Protein (%)	+0.17					Dau Calving
						Gest Len (Days)
FERTILITY						Calf Mort
Calving Int (D	ays)	-9.4	Dau	IS	0	BEEF
Survival (%)	-	+2.0	Hero	ds	0	
						Carcass Wt
HEALTH						Carcass Conf
Lameness	-0	0.06	Go	bod		TYPE
SCC	-0	).13	Go	ood		
Mastitis (%)	-0	.08	Go	bod		Overall
						Udder

#### MANAGEMENT Temperament 0.06

Average Milking Speed -14 Fast

			, c	ene	omio	c, IC	BF	Oct	obe	er 20	020
€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
267	52										
101	72										
98	36										
52	56										
-5	40										
12	59										
6	39					1					
5	51										
1	267 101 98 52 -5 12 6	267         52           101         72           98         36           52         56           -5         40           12         59           6         39	267         52           101         72           98         36           52         56           -5         40           12         59           6         39	267         52           101         72           98         36           52         56           -5         40           12         59           6         39	267         52           101         72           98         36           52         56           -5         40           12         59           6         39	267         52           101         72           98         36           52         56           -5         40           12         59           6         39	267         52           101         72           98         36           52         56           -5         40           12         59           6         39	267     52       101     72       98     36       52     56       -5     40       12     59       6     39	267     52       101     72       98     36       52     56       -5     40       12     59       6     39	267     52       101     72       98     36       52     56       -5     40       12     59       6     39	267     52       101     72       98     36       52     56       -5     40       12     59       6     39

PRODUCTIO	N			CALVING			
Milk (Kg)	228	Daus	0	Dairy Heifer	5.7	55	% Rel
Fat (Kg)	17.8	Herds	0	Calving Diff %			
Protein (Kg)	14.3	% Rel	72	Dairy Cow Calving Diff %	2.2	64	% Rel
Fat %	+0.15			Dau Calving	5.5	35	% Rel
Protein (%)	+0.11						
				Gest Len (Days)	-5.0	61	% Rel
FERTILITY				Calf Mort	-0.7	47	% Rel
Calving Int (D	<b>avs)</b> -5.	.0 Dau	us O				
Survival (%)	+2	.8 Her	ds 0	BEEF			
Jul vival (70)	12	Tien	us U	Carcass Wt	-3	Av	erage
HEALTH				Carcass Conf	-0.6	Av	erage
Lameness	-0.0	3 Go	bod				
SCC	-0.1	5 Go	bod	TYPE			
	-0.0		ood	Overall	0.1		
Mastitis (%)	-0.0	4 G0	000	Udder	0.3		
MANAGEME	NT			Feet and Legs	-0.8		
Temperament	: -0.0	9 Ave	erage				
Milking Speed	<b>d</b> -25	5 F	ast				

### (IG) CARRAIGBUI STRADA SRM



HB No.: HOLIRLM223528451683 Bred by: Ciaran Lucey, Macroom Co Cork Date of Birth: Breed: HO Beta Casein: A1/A2 Kappa Casein: aAa: #N/A Colour: 0

Sire: (IG) DIAMOND ANTON Dam: CARRAIGBUI GRACE 250 (GP 80) G Sire: IMLEACH LUCKY GLOSS

<b>3 Lact</b> 7313 284 278	562	3.89	3.80	27/
		0.07	5.00	376
Average 5810 237 223	460	4.12	3.85	349
Life (3 Lct) 14125 570 532	1102	4.04	3.77	

## (IG)WATERWHEEL COSWORTH SRM



HB No.: HOLIRLM219099633723 Bred by: 0 Date of Birth: 27/02/2019 Breed: HO Beta Casein: 0 Kappa Casein: aAa: #N/A Colour: 0

Sire: (IG) CRAIGTOWN TORNADO / FR4338 Dam: WATERWHEEL RADELLA 2821 G Sire: GOINGS MECCA PRIDE S1F / GGP

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
Lact	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Average	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Life (Lct)	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	

#### IRL Code: FR5908 Al Code: HO6535

Genomic, ICBF October 2020



#### EBI & SUB INDEXES

	€	Rel
EBI	254	57
Production	93	77
Fertility	105	44
Calving	57	55
Beef	-3	45
Health	-3	64
Maintenance	1	45
Management	3	55

PRODUCTIO	N		
Milk (Kg)	272	Daus	0
Fat (Kg)	15.6	Herds	0
Protein (Kg)	14.5	% Rel	77
Fat %	+0.08		
Protein (%)	+0.09		

#### FERTILITY

Calving Int (Days)	-6.2	Daus	0
Survival (%)	+2.2	Herds	0

HEALTH		
Lameness	0.00	Average
SCC	0.04	Average
Mastitis (%)	0.01	Average
MANAGEMENT		

Temperament	0.07	Average
Milking Speed	-3	Average

96	20%	30%	40%	50%	60%	70%	80%	90%	100%

10

CALVING			
Dairy Heifer Calving Diff %	4.1	54	% Rel
Dairy Cow Calving Diff %	2.0	63	% Rel
Dau Calving	5.8	42	% Rel
Gest Len (Days)	-5.3	59	% Rel
Calf Mort	-0.7	46	% Rel

#### BEEF Carcass Wt Average 0 -0.6 Average Carcass Conf

TYPE		
Overall	0.1	
Udder	0.0	
Feet and Legs	-0.6	

## IRL Code: FR6142 Al Code: HO6534

## 

EBI & SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	1005
EBI	256	50										
Production	74	69										
Fertility	111	34										
Calving	60	54										
Beef	-19	40										
Health	11	58										
Maintenance	14	38										
Management	5	51										

PRODUCTIO	N		
Milk (Kg)	107	Daus	0
Fat (Kg)	13.0	Herds	0
Protein (Kg)	9.6	% Rel	69
Fat %	+0.15		
Protein (%)	+0.10		

FERTILITY				
Calving Int (Days)	-6.1	Daus	0	
Survival (%)	+2.7	Herds	0	
HEALTH				
Lameness	-0.08	Good		
SCC	-0.03	Average		
Mastitis (%)	-0.05	Good		
MANAGEMENT				
Temperament	0.03	Averag	je	
Milking Speed	-12	Fast		

CALVING				
Dairy Heifer Calving Diff %	3.8	55	% Rel	
Dairy Cow Calving Diff %	1.2	63	% Rel	
Dau Calving	5.3	33	% Rel	
Gest Len (Days)	-4.7	60	% Rel	
Calf Mort	-0.8	47	% Rel	
BEEF				
Carcass Wt	-8	Average		
Carcass Conf	-0.7	Av	rage	

-0.6	
-0.3	
-1.4	
	-0.3

### (IG) LISDUFF PERCEPTION PED



HB No.: HOLIRLM224508745649 Bred by: John O'Sullivan, Whitechurch, Co Cork Date of Birth: 19/01/2019 Breed: HO Beta Casein: A2/A2 Kappa Casein: aAa: #N/A Colour: 0

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
6 Lact	10493	416	375	791	3.96	3.58	404
Average	9694	405	346	751	4.18	3.57	362
Life (6 Lct)	50594	2115	1798	3913	4.18	3.55	

Sire: WESTCOAST PERSEUS (VG 87)

G Sire: SANDY-VALLEY-I PENMANSHIP

Dam: LISDUFF LESLIE 153 (EX 90)

### (IG) CORNASLIEVE VIRGINIA PED



HB No.: HOLIRLM223340511605
Bred by: James & Donald Brady, Virginia, Co Cavan
Date of Birth: 03/02/2018
Breed: HO
Beta Casein: A2/A2
Kappa Casein:
aAa: 534261
Colour: 0

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs		BFat%	Ptn%	Clv Int
1 Lact	6158	322	226	548	5.24	3.67	-
Average	6158	322	226	548	5.24	3.67	-
Life (1 Lct)	6054	316	222	538	5.22	3.67	

FR2298

Sire: (IG) OLCASTLETOWN RONALDO /

Dam: CORNASLIEVE OCP KATE 1255

G Sire: (IG) CARRIGAUN GLEN / OCP

	SCC	-0.19	Go
	Mastitis (%)	-0.04	Go
Clv Int			
404	MANAGEMENT	ī	
362	Temperament	0.04	Aver
	Milking Speed	-20	Fa
	<b>У</b> NCBC		
the a	EBI & SUB IND	EXES	
5 12			€
19	EBI	2	242
2.0	Production		95
AC DR	Fertility		108

Milking Speed

-5

Average

EBI		242	60						
Production		95	74						
Fertility		108	46						
Calving		31	83						
Beef		-6	47						
Health		12	65						
Maintenance		1	46						
Management		1	56						
PRODUCTION				CALV	ING				
Milk (Kg)	121	Daus	0	Dairy Heifer			5.7	74	%
Fat (Kg)	14.6	Herds	0	Calvin	g Diff 🤋	6	0.7	, -	701

Rel

					Calving Diff %	5.7	/4	70 IVEI
Fat (Kg)	14.6	He	rds	0				
Protein (Kg)	12.9	%	Rel 7	4	Dairy Cow Calving Diff %	2.8	89	% Rel
Fat %	+0.17						44	0/ D
Protein (%)	+0.15				Dau Calving	5.5	41	% Rel
i i oteni (70)	. 0.10				Gest Len (Days)	-3.2	97	% Rel
FERTILITY					Calf Mort	0.2	83	% Rel
Calving Int (D	ays) -	5.2	Daus	0	BEEF			
Survival (%)	+	2.5	Herds	0				
					Carcass Wt	-4	Av	erage
HEALTH					Carcass Conf	-0.6	Av	erage
Lameness	-0.	04	Good	ł	TYPE			
SCC	-0.	13	Good	4				
	-0.	0.4	Good		Overall	-0.5		
Mastitis (%)	-0.	04	Good	1	Udder	-0.5		
MANAGEME	NT				Feet and Legs	-0.6		
Temperament	t -0	.01	Avera	ge				

IRL Code: FR6139 AI Code: HO6533

60 % Rel

69 % Rel

40 % Rel

61 % Rel

47 % Rel

Average

Below Ave

<b>У</b> NCBC				C	Sen	omi	c, IC	BF	Oct	obe	er 20	020
EBI & SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
EBI	252	57										
Production	100	76										
Fertility	99	44										
Calving	39	58										
Beef	-5	43										
Health	13	67										
Maintenance	-2	38										
Management	8	57										

PRODUCTIO	N			CALVING	
Milk (Kg)	397	Daus	0	Dairy Heifer	5.8
Fat (Kg)	17.2	Herds	0	Calving Diff %	5.0
Protein (Kg)	17.0	% Rel	76	Dairy Cow	2.2
Fat %	+0.03			Calving Diff %	
Protein (%)	+0.06			Dau Calving	5.0
Flotein (78)	+0.00			Gest Len (Days)	-3.1
FERTILITY				Calf Mort	-0.2
Calving Int (D	avs) -5.	6 Dau	us O		
				BEEF	
Survival (%)	+2	.3 Here	ds 0	Carcass Wt	0
HEALTH				Carcass Conf	-1.0
Lameness	-0.0	2 Ave	rage		
SCC	-0.1			TYPE	
	-0.1		bod	Overall	2.5
Mastitis (%)	-0.04	4 Go	bod	Udder	1.7
MANAGEME	NT			Feet and Legs	1.8
Temperament	0.0/	1 Ave	rago		

erage

ast

IRL Code: FR4760 Al Code: HO6532

Genomic, ICBF October 2020

10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Average Life (4 Lct)	7299 25689	301 1056	279 972
(IG) BA	LLYM	ADDO	оск
	10		
			T

Sire: HAGGARD FRANKO / FR4154

Dam: BALLYMADDOCK RPA FIONA 3 (GP 80)

G Sire: (IG) RHINCRUE SUPER DANO 12 / RPA

HB No.: HOLIRLM219292171224 Bred by: Tim Fitzgerald, Ballyroan, Co Laois Date of Birth: 01/02/2018 Breed: HO Beta Casein: A1/A2 Kappa Casein: aAa: 561423 Colour: 0

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
2 Lact	8288	370	318	688	4.46	3.84	365
Average	7223	335	275	611	4.64	3.81	362
Life (3 Lct)	19162	863	716	1579	4.50	3.74	

### (IG) RONNOCO MILAN PED



HB No.: HOLIRLM218815051405 Bred by: Colm O'Connor, Glanworth, Co Cork Date of Birth: ? Breed: HO Beta Casein: A2A2 Kappa Casein: aAa: 543126 Colour: 0

D

Sire: GADDAGH CUDDY REEKS / GZY Dam: RONNOCO HZB MILLIE G Sire: (IG) BALLYDEHOB PAT 1356 / HZB

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
4 Lact	7715	311	298	609	4.37	3.87	369
Average	7299	301	279	580	4.13	3.82	361
Life (4 Lct)	25689	1056	972	2028	4.11	3.78	

## HEYWOOD PED

20 Ireland Genetics

#### IRL Code: FR4510 Al Code: -



#### EBI & SUB INDEXES

	€	Rel
EBI	244	66
Production	95	78
Fertility	116	50
Calving	26	90
Beef	-12	63
Health	14	70
Maintenance	7	51
Management	0	60

PRODUCTION							
Milk (Kg)	-9	Daus	0				
Fat (Kg)	10.9	Herds	0				
Protein (Kg)	12.1	% Rel	78				
Fat %	+0.20						
Protein (%)	+0.22						

#### FERTILITY

Calving Int (Days)	-6.7	Daus	0
Survival (%)	+2.5	Herds	0

HEALTH		
Lameness	-0.08	Good
SCC	-0.07	Average
Mastitis (%)	-0.06	Good

MANAGEMENT						
Temperament	0.12	Average				
Milking Speed	14	Below Ave				

20%	30%	40%	50%	60%	70%	80%	90%	100%

10%

Genomic, ICBF October 2020

CALVING			
Dairy Heifer Calving Diff %	6.4	91	% Rel
Dairy Cow Calving Diff %	2.9	99	% Rel
Dau Calving	5.6	49	% Rel
Gest Len (Days)	-2.7	99	% Rel
Calf Mort	-0.6	98	% Rel

BEEF		
Carcass Wt	-6	Average
Carcass Conf	-0.7	Average

TYPE	
Overall	-1.3
Udder	-1.2
Feet and Legs	-0.9

#### IRL Code: FR4842 Al Code: -

## **У** NCBC

€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
247	60										
77	76										
128	45										
55	80										
-20	45										
2	65										
2	41										
2	56										
	<b>247</b> 77 128 55 -20 2 2 2	247         60           77         76           128         45           55         80           -20         45           2         65           2         41	247         60           77         76           128         45           55         80           -20         45           2         65           2         41	247         60           77         76           128         45           55         80           -20         45           2         65           2         41	247         60           77         76           128         45           55         80           -20         45           2         65           2         41	247         60           77         76           128         45           55         80           -20         45           2         65           2         41	247         60           77         76           128         45           55         80           -20         45           2         65           2         41	247         60           77         76           128         45           55         80           -20         45           2         65           2         41	247         60           77         76           128         45           55         80           -20         45           2         65           2         41	247     60       77     76       128     45       55     80       -20     45       2     65       2     41	247       60         77       76         128       45         55       80         -20       45         2       65         2       41

PRODUCTION							
Milk (Kg)	-35	Daus	0				
Fat (Kg)	16.2	Herds	0				
Protein (Kg)	6.8	% Rel	76				
Fat %	+0.31						
Protein (%)	+0.14						

FERTILITY				
Calving Int (Days)	-7.2	Daus	0	
Survival (%)	+3.0	Herds	0	
HEALTH				
Lameness	-0.01	Average		
SCC	0.01	Average		
Mastitis (%)	-0.02	Good		
MANAGEMENT				
Temperament	0.09	Averag	le	
Milking Speed	5	Averag	le	

4.6	66	% Rel
2.2	86	% Rel
4.7	40	% Rel
-4.6	96	% Rel
-0.4	78	% Rel
	2.2 4.7 -4.6	2.2     86       4.7     40       -4.6     96

BEEF		
Carcass Wt	-8	Average
Carcass Conf	-0.9	Average
TYPE		
Overall	-1.0	
Udder	-1.1	
Feet and Legs	-0.3	

### (IG) BALLINTOSIG RING O PED



HB No.: HOLIRLM151700850601
Bred by: Anthony Flavin, Killeagh, Co Cork
Date of Birth: 01/02/2013
Breed: HO
Beta Casein: A1/A1
Kappa Casein:
aAa: 531426
Colour: 0

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
4 Lact	8622	367	316	683	4.25	3.67	353
Average	7874	336	284	620	4.29	3.61	359
Life (6 Lct)	46147	1963	1658	3621	4.25	3.59	

## (IG) GABRIEL ZORO SRM



DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs		BFat%	Ptn%	Clv Int
6 Lact	6746	349	275	624	5.17	4.08	411
Average	6327	299	247	546	4.72	3.89	366
Life (6 Lct)	36160	1678	1395	3073	4.64	3.86	

327	299	247	546
6160	1678	1395	3073

		С			lris	sh D	Daug	ghte	er, IO	CBF	Octo	obe	r 202	0
	EBI & SUB IN	IDEXES												
and the			€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90% 100	3%
	EBI		281	88										
	Production		94	98										
	Fertility		107	77										
	Calving		57	92										
	Beef		1	94										
	Health		13	84										
	Maintenance		6	86										
	Management		3	77										
	PRODUCTIO	N			C	ALV	ING							
	Milk (Kg)	128	Daus	181	Da	airy	Heif	er		5.5	0	6	% Rel	
M TEASSON STREET	Fat (Kg)	17.3	Herds	114	Ca	alvin	ıg Di	iff %	<b>b</b>	5.5	0	0	∕₀ Rei	
State State State State State State	Protein (Kg)	11.9	% Rel	98			Cow Ig Di		_	2.1	9	5	% Rel	1
	Fat %	+0.21					alvi		,	4.7	7	2	% Rel	-
Sire: PARKDUV MARK / PKK	Protein (%)	+0.13						•	(c)	-5.0		-	% Rel	_
Dam: BALLINTOSIG GIO ANNIE 436 (EX 90)							Len ( Nort	-	5)	-0.3		-	% Rel	_
G Sire: GIBOR / GIO	FERTILITY				Ca		ion			-0.3	9	1	∕o Kei	

IRL Code: OTS

Al Code: -

Average

-0.6 Average

IRL Code: FR4337

3

-0.2

-0.1 0.7

Calving Int (Days) -4.7 Daus 110 Survival (%) +3.8 Herds 179

#### HEALTH Lameness -0.08 Good SCC -0.09 Average Mastitis (%) -0.04 Good

### MANAGEMENT

Average Temperament 0.00 Milking Speed -10 Fast

							A	I CC	ae:	нO	653	1
<b>У</b> NCBC				C	Gen	omi	c, IC	CBF	Oct	tobe	er 2	020
EBI & SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	1009
EBI	243	64										
Production	102	77										
Fertility	89	47										
Calving	44	89										
Beef	-11	59										
Health	6	65										
Maintenance	8	53					- 1					
Management	5	58										

Carcass Wt

TYPE

Overall

Udder

Carcass Conf

Feet and Legs

PRODUCTIO	N			CALVING			
Milk (Kg)	3	Daus	0	Dairy Heifer	6.5	96	% Rel
Fat (Kg)	11.3	Herds	0	Calving Diff %	2.0		
Protein (Kg)	13.3	% Rel	77	Dairy Cow Calving Diff %	2.5	99	% Rel
Fat %	+0.20			Dau Calving	5.7	43	% Rel
Protein (%)	+0.23			3			
				Gest Len (Days)	-4.7	99	% Rel
FERTILITY				Calf Mort	-0.1	99	% Rel
Calving Int (D	ays) -5	.1 Da	us O	BEEF			
Survival (%)	+2	2.0 Her	rds 0	Carcass Wt	-6	Av	erage
HEALTH				Carcass Conf	-0.5		erage
Lameness	-0.0	)5 G	ood	7/05			
SCC	-0.0	)1 Ave	erage	TYPE			
Mastitis (%)	-0.0		ood	Overall	-1.4		
IVIASULIS (70)	-0.0	02 G	000	Udder	-1.1		
MANAGEME	NT			Feet and Legs	-0.9		
Temperament	t 0.1	1 Ave	erage				

Milking Speed -4 Average

### (IG) ARDKYLE MOUNT EVERET SRM



HB No.: HOLIRLM131205850852 Bred by: Kevin McInerney, Newmarket, Co Clare Date of Birth: 20/02/2013 Breed: HO Beta Casein: A1A2 Kappa Casein: aAa: 156342 Colour: Ed/Ed

Sire: (IG) LAURAGH EVERT / LHZ Dam: ARDKYLE TULIP 662 (GP 81) G Sire: HAZAEL MN SWEETDREAM S2F / HZS

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
4 Lact	7719	365	292	657	4.72	3.79	350
Average	7037	311	266	577	4.42	3.78	369
Life (4 Lct)	27735	1218	1044	2262	4.39	3.76	

## (IG) BRIDESTREAM LEVERET XXX



HB No.: HOLIRLM222975381649 Bred by: Liam Leahy, Crookstown, Co Cork Date of Birth: 20/02/2017 Breed: HO Beta Casein: A2A2 Kappa Casein: aAa: 516324 Colour: 0

Sire: (IG) OLCASTLETOWN RONALDO / FR2298 Dam: IE141848241206 G Sire: PUKEROA TGM MANZELLO / PKA

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
Lact	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
Average	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
Life (Lct)	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	

#### IRL Code: YKA Al Code: -



#### EBI & SUB INDEXES

	€	Rel	10%	20%
EBI	267	93		
Production	89	99		
Fertility	118	86		
Calving	49	96		
Beef	-14	98		
Health	12	89		
Maintenance	12	92		
Management	1	80		

PRODUCTION							
Milk (Kg)	-15	Daus	633				
Fat (Kg)	14.3	Herds	235				
Protein (Kg)	9.8	% Rel	99				
Fat %	+0.26						
Protein (%)	+0.18						

#### FERTILITY

Calving Int (Days)	-5.0	Daus	288
Survival (%)	+4.4	Herds	724

HEALTH		
Lameness	-0.08	Good
SCC	-0.04	Average
Mastitis (%)	-0.05	Good

MANAGEMENT						
Temperament	0.01	Average				
Milking Speed	-3	Average				

30	%	40%	50%	60%	70%	80%	90%	100%
		_						

Irish Daughter, ICBF October 2020

CALVING			
Dairy Heifer Calving Diff %	6.0	96	% Rel
Dairy Cow Calving Diff %	2.3	99	% Rel
Dau Calving	5.1	86	% Rel
Gest Len (Days)	-4.4	99	% Rel
Calf Mort	-0.6	98	% Rel

BEEF		
Carcass Wt	-6	Average
Carcass Conf	-0.6	Average

TYPE	
Overall	-1.8
Udder	-1.8
Feet and Legs	-1.1

#### IRL Code: FR4588 Al Code: -

## 

EBL& SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	1005
EBI	257	61										
Production	94	77										
Fertility	71	44										
Calving	55	87										
Beef	-14	52										
Health	19	63										
Maintenance	21	48										
Management	11	55										

PRODUCTION							
Milk (Kg)	-10	Daus	0				
Fat (Kg)	13.6	Herds	0				
Protein (Kg)	11.1	% Rel	77				
Fat %	+0.24						
Protein (%)	+0.20						

FERTILITY			
Calving Int (Days)	-3.9	Daus	0
Survival (%)	+1.8	Herds	0
HEALTH			
Lameness	-0.09	Good	
SCC	-0.16	Good	
Mastitis (%)	-0.07	Good	
MANAGEMENT			
Temperament	0.39	Good	
Milking Speed	9	Averag	e

CALVING			
Dairy Heifer Calving Diff %	4.6	91	% Rel
Dairy Cow Calving Diff %	2.1	94	% Rel
Dau Calving	4.8	41	% Rel
Gest Len (Days)	-4.7	99	% Rel
Calf Mort	0.2	93	% Rel

BEEF		
Carcass Wt	-6	Average
Carcass Conf	-0.5	Average
TYPE		
Overall	-1.4	
Udder	-1.9	
Feet and Legs	0.1	

### (IG) LAURAGH EVERT PED



Sire: WHINLEA PALAD ECKLAND-ET

Dam: LAURAGH CWJ HEATHER (G 79)

G Sire: CALDWELLS JORDANAIRE / CWJ

HB No.: HOLIRLM351168463300 Bred by: Pat Ryan, Cappagh, Co Waterford Date of Birth: 22/02/2009 Breed: HO Beta Casein: A1A2 Kappa Casein: aAa: 423651 Colour: ED/e

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs		BFat%	Ptn%	Clv Int
3 Lact	6447	360	261	621	5.58	4.05	351
Average	5746	286	228	514	4.97	3.97	367
Life (11 Lct)	61669	3033	2429	5462	4.92	3.94	

### (IG) BALLYMAW NOVA SRM



HB No.: HOLIRLM216396031710	Sire: (IG) DIAMOND ANTON / FR2239
Bred by: Patrick McGrath, Waterfall, Co Cork	Dam: BALLYMAW NORA 1316 (G 78) G Sire: MORRIS TE LAMONT S1E / MSE
Date of Birth: 29/01/2018	
Breed: HO	
Beta Casein: A2/A2	
Kappa Casein:	
aAa: 165243	
Colour: 0	

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
4 Lact	7229	470	264	734	6.50	3.66	374
Average	6233	399	238	637	6.40	3.82	365
Life (4 Lct)	21689	1420	824	2244	6.55	3.80	

G) DIAMOND ANTON / FR2239

		Iris	sh D	aug	ghte	r, IC	BF	Oct	obe	er 2	020
€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	1009
256	99										
68	99										
133	99										
36	99										
-16	99										
9	98										
21	99										
5	93										
	256 68 133 36 -16 9 21	256         99           68         99           133         99           36         99           -16         99           9         98           21         99	€         Rel         10%           256         99         133         99           133         99         36         99           -16         99         98         21         99	<ul> <li>€ Rel</li> <li>10s</li> <li>20s</li> <li>256</li> <li>99</li> <li>68</li> <li>99</li> <li>133</li> <li>99</li> <li>36</li> <li>99</li> <li>-16</li> <li>99</li> <li>98</li> <li>21</li> <li>99</li> </ul>	<ul> <li>€ Rel</li> <li>10% 20% 30%</li> <li>256 99</li> <li>68 99</li> <li>133 99</li> <li>36 99</li> <li>-16 99</li> <li>98</li> <li>21 99</li> </ul>	€         Rel         10%         20%         30%         40%           256         99         99         133         99         133         99         133         99         136         99         116         999         98         100	<ul> <li>€ Rel</li> <li>10s</li> <li>20s</li> <li>30s</li> <li>40s</li> <li>50s</li> <li>256</li> <li>99</li> <li>68</li> <li>99</li> <li>133</li> <li>99</li> <li>36</li> <li>99</li> <li>98</li> <li>21</li> <li>99</li> </ul>	€     Rel     10%     20%     30%     40%     50%     60%       256     99       68     99       133     99       36     99       -16     99       9     98       21     99	€     Rel     10%     20%     30%     40%     50%     60%     70%       256     99     99       68     99       133     99       36     99       -16     99       9     98       21     99	€       Rel       10%       20%       30%       40%       50%       60%       70%       80%         256       99       99       99       133       99       133       99       136       99       10%       20%       40%       50%       60%       70%       80%         133       99       36       99       1 <th>256     99       68     99       133     99       36     99       -16     99       9     98       21     99</th>	256     99       68     99       133     99       36     99       -16     99       9     98       21     99

PRODUCTION CALVING Milk (Kg) -45 Daus 19342 Dairy Heifer Calving Diff % Fat (Kg) 10 Herds 3817 Dairy Cow Protein (Kg) 7.1 % Rel 99 Calving Diff % Fat % +0.22 Dau Calving Protein (%) +0.15 Gest Len (Days) Calf Mort FERTILITY Calving Int (Days) -5.8 Daus 5789 BEEF +4.8 Herds 24931 Survival (%) Carcass Wt Carcass Conf HEALTH Lameness -0.07 Good TYPE

# SCC 0.01 Average Mastitis (%) -0.05 Good MANAGEMENT Image: Comparison of the second seco

Temperament0.18GoodMilking Speed6Average

Average o Average

IRL Code: FR4738 Al Code: -

6.3 82 % Rel

2.4 94 % Rel

-1.0 91 % Rel

-0.7 Average

44 % Rel

99 % Rel

Average

5.7

-4.8

-5

-0.3

-0.9 0.0

IRL Code: LHZ

6.0 99 % Rel

2.4

4.5

-2.6

-7

-1.1

-0.2 -2.9

99 % Rel

99 % Rel

99 % Rel

Average

-0.4 99 % Rel

-0.7 Average

Al Code: -

<b>У</b> NСВС				C	Sen	omi	c, IC	BF	Oct	obe	er 20	020
EBI & SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
EBI	239	62										
Production	98	78										
Fertility	85	46										
Calving	47	86										
Beef	-12	48										
Health	4	66										
Maintenance	9	46					- 1					
Management	6	57										

Overall

Udder

Feet and Legs

PRODUCTIO	N			CALVING
Milk (Kg)	208	Daus	0	Dairy Heifer
Fat (Kg)	17.8	Herds	0	Calving Diff %
Protein (Kg)	13.6	% Rel	78	Dairy Cow Calving Diff %
Fat %	+0.16			Dau Calving
Protein (%)	+0.11			3
				Gest Len (Days)
FERTILITY				Calf Mort
Calving Int (D	avs) -	5.2 Dau	is 0	
				BEEF
Survival (%)	+	1.6 Her	ds 0	Carcass Wt
HEALTH				Carcass Conf
Lameness	-0.0	06 Go	bod	TVDE
SCC	0.0	0 Ave	rage	TYPE
Mastitis (%)	0.0	0 Ave	rage	Overall
mustrus (70)	0.0	<i>/0 /100</i>	luge	Udder
MANAGEME	NT			Feet and Legs
Temperament	t 0.0	)1 Ave	erage	

Milking Speed -19 Fast

### (IG) WATERWHEEL WINSTON SRM



HB No.: HOLIRLM219099663098
Bred by: Patrick Kelly, Killygordon, Co Donegal
Date of Birth: 22/02/2017
Breed: HO
Beta Casein: A1A2
Kappa Casein:
aAa: 426351
Colour: 0

FR2385
Dam: WATERWHEEL KOZ JULIE
G Sire: KEVINSFORT OJI HAZE / KOZ

Sire: (IG) NEXTGEN YKG CANDY 593 /

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
5 Lact	8266	341	297	638	4.12	3.60	352
Average	6707	284	248	532	4.25	3.70	365
Life (6 Lct)	39651	1678	1467	3145	4.23	3.70	

## (IG) BALLYDOOGAN TEMPLE PED.



HB No.: HOLIRLM218583741177 Bred by: Tim Hegarty, Longford, Co Longford Date of Birth: 04/03/2017 Breed: HO Beta Casein: A1A2 Kappa Casein: aAa: 432561 Colour: 0 Sire: (IG) LONGVIEW RELIABLE / LWR Dam: BALLYDOOGAN HAZE ROSITA 499 (VG 86) G Sire: KEVINSFORT OJI HAZE / KOZ

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
4 Lact	11492	416	392	808	3.62	3.41	359
Average	9435	332	326	658	3.51	3.46	361
Life (4 Lct)	36973	1292	1272	2564	3.49	3.44	

#### IRL Code: FR4515 Al Code: -



#### EBI & SUB INDEXES

€Re	10%
EBI 250 6	2
Production 42 7	7
Fertility 142 4	6
<b>Calving</b> 42 8	7
Beef -14 53	3
Health 17 65	5
Maintenance 15 44	В
Management 7 5	В

PRODUCTION							
Milk (Kg)	70	Daus	0				
Fat (Kg)	7.5	Herds	0				
Protein (Kg)	5.6	% Rel	77				
Fat %	+0.08						
Protein (%)	+0.06						

#### FERTILITY

Calving Int (Days)	-8.0	Daus	0
Survival (%)	+3.3	Herds	0

HEALTH		
Lameness	-0.07	Good
SCC	-0.21	Good
Mastitis (%)	-0.03	Good

MANAGEMENT		
Temperament	-0.04	Average
Milking Speed	-27	Fast

20%	30%	40%	50%	60%	70%	80%	90%	100%

Genomic, ICBF October 2020

CALVING			
Dairy Heifer Calving Diff %	7.1	86	% Rel
Dairy Cow Calving Diff %	2.4	96	% Rel
Dau Calving	5.0	40	% Rel
Gest Len (Days)	-4.3	99	% Rel
Calf Mort	0.3	94	% Rel

BEEF		
Carcass Wt	-7	Average
Carcass Conf	-0.5	Average
TVDE		

Overall	-1.7
Udder	-1.1
Feet and Legs	-1.6

#### IRL Code: FR4545 Al Code: -

## 

#### EBI & SUB INDEXES

EBL& SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	1009
EBI	244	65										
Production	94	79										
Fertility	73	51										
Calving	59	87										
Beef	-4	53										
Health	14	70										
Maintenance	7	49										
Management	1	62										

PRODUCTION							
Milk (Kg)	515	Daus	0				
Fat (Kg)	14.0	Herds	0				
Protein (Kg)	18.9	% Rel	79				
Fat %	-0.10						
Protein (%)	+0.02						

FERTILITY				
Calving Int (Days)	-3.4	Daus	0	
Survival (%)	+2.5	Herds	0	
HEALTH				
Lameness	-0.03	Good		
SCC	-0.17	Good		
Mastitis (%)	-0.05	Good		
MANAGEMENT				
Temperament	-0.09	Averag	е	

-14

Fast

Milking Speed

CALVING			
Dairy Heifer Calving Diff %	5.0	84	% Rel
Dairy Cow Calving Diff %	2.0	93	% Rel
Dau Calving	4.4	49	% Rel
Gest Len (Days)	-4.7	99	% Rel
Calf Mort	-0.7	91	% Rel
BEEF			
Carcass Wt	0	Av	erage
Carcass Conf	-0.9	Av	erage
ТҮРЕ			
Overall	-1.1		
Udder	-0.9		

-1.8

Feet and Legs

## (IG) PARKDUV MOUNT EVEREST PED

IRL Code: PKR Al Code: -

6.0 99 % Rel

2.5 99 % Rel

-0.2 99 % Rel

-0.7 Average

98 % Rel

99 % Rel

Average

4.9

-1.5

-4

-1.3

-1.0 -1.6

25		
	G. C. Sall	A SERE
	in the	The Manager
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	The second second	and a pair
	MARKEN SUCCESS	
The state of the	PARTICIPATION AND AND	A PARAMAN A

HB No.: HOLIRLM151013731563 Bred by: Kevin Downing, Whitechurch, Co Cork Date of Birth: 13/02/2012 Breed: HO Beta Casein: 0 Kappa Casein: aAa: 432561 

Sire: (IG) LAURAGH EVERT / LHZ
Dam: PARKDUV JILL 21 (VG 88)
G Sire: HEDRA FESTIVAL / HFL

Colour: U							
DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
4 Lact	9884	394	353	747	3.98	3.57	386
Average	9151	361	318	679	3.95	3.47	388
Life (5 Lct)	43927	1729	1519	3248	3.94	3.46	

### (IG) CAHERAGH MAYSON SRM



Sire: KILDARRA MAESTRO / FR2053

Dam: CAHERAGH HMY MASSIE 610

G Sire: HIGHMOUNT KENNY / HMY

HB No.: HOLIRLM217109120749
Bred by: Charles Hegarty, Drimoleague, Co Cork
Date of Birth: 06/02/2017
Breed: HO
Beta Casein: A1A2
Kappa Casein:
aAa: 234156
Colour: 0

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs		BFat%	Ptn%	Clv Int
5 Lact	6592	313	256	569	4.90	3.88	371
Average	6030	281	228	509	4.66	3.78	345
Life (5 Lct)	26213	1218	978	1453	4.75	3.75	

<b>NCBC</b>			Iri	sh D	Daug	ghte	er, IC	CBF	Oct	tobe	er 20	020
EBI & SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
EBI	236	97										
Production	77	99										
Fertility	121	96										
Calving	24	99										
Beef	-12	99										
Health	5	96										
Maintenance	18	99										
Management	3	82										

CALVING

Dairy Heifer

Dairy Cow

Calving Diff %

Calving Diff %

Gest Len (Days)

Dau Calving

Calf Mort

Carcass Wt

Carcass Conf

Feet and Legs

BEEF

TYPE

Overall

Udder

PRODUCTION Milk (Kg) 172 Daus 4132 Fat (Kg) 14.1 Herds 1465 Protein (Kg) 10.7 % Rel 99 Fat % +0.12 Protein (%) +0.08 FERTILITY

Calving Int (Days) -5.2 Daus 1982 +4.5 Herds 5186 Survival (%)

#### HEALTH Lameness -0.05 Good SCC 0.00 Average Mastitis (%) -0.02 Good

MANAGEMENT 0.01 Temperament

Average Milking Speed -8 Average

									. 00		
			C	Gen	omi	c, I0	CBF	Oct	obe	er 20	020
€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
243	64										
123	78										
55	47										
56	90										
-8	58										
3	67										
11	50										
3	58										
	<b>243</b> 123 55 56 -8 3 11	243         64           123         78           55         47           56         90           -8         58           3         67           11         50	243         64           123         78           55         47           56         90           -8         58           3         67           11         50	<ul> <li>€ Rel</li> <li>10% 20%</li> <li>243</li> <li>64</li> <li>123</li> <li>78</li> <li>55</li> <li>47</li> <li>56</li> <li>90</li> <li>-8</li> <li>58</li> <li>67</li> <li>11</li> <li>50</li> </ul>	<ul> <li>€ Rel</li> <li>10% 20% 30%</li> <li>243</li> <li>64</li> <li>123</li> <li>78</li> <li>55</li> <li>47</li> <li>56</li> <li>90</li> <li>-8</li> <li>58</li> <li>67</li> <li>11</li> <li>50</li> </ul>	<ul> <li>€ Rel</li> <li>10s</li> <li>20s</li> <li>30s</li> <li>40s</li> <li>243</li> <li>64</li> <li>123</li> <li>78</li> <li>55</li> <li>47</li> <li>56</li> <li>90</li> <li>-8</li> <li>58</li> <li>3</li> <li>67</li> <li>11</li> <li>50</li> </ul>	<ul> <li>€ Rel</li> <li>10% 20% 30% 40% 50%</li> <li>243</li> <li>64</li> <li>123</li> <li>78</li> <li>55</li> <li>47</li> <li>56</li> <li>90</li> <li>-8</li> <li>58</li> <li>3</li> <li>67</li> <li>11</li> <li>50</li> </ul>	<ul> <li>€ Rel</li> <li>10% 20% 30% 40% 50% 60%</li> <li>243</li> <li>64</li> <li>123</li> <li>78</li> <li>55</li> <li>47</li> <li>56</li> <li>90</li> <li>-8</li> <li>58</li> <li>3</li> <li>67</li> <li>11</li> <li>50</li> </ul>	€     Rel     10x     20x     30x     40x     50x     60x     70x       243     64       123     78       55     47       56     90       -8     588       3     67       11     50	€       Rel       10%       20%       30%       40%       50%       60%       70%       80%         243       64       10%       20%       30%       40%       50%       60%       70%       80%         123       78       55       477       56       90       10% <th>€       Rel       10%       20%       30%       40%       50%       60%       70%       80%       90%         243       64       123       78       55       47       56       90       40%       50%       60%       10%</th>	€       Rel       10%       20%       30%       40%       50%       60%       70%       80%       90%         243       64       123       78       55       47       56       90       40%       50%       60%       10%

PRODUCTIO	N			CALVING			
Milk (Kg)	158	Daus	0	Dairy Heifer	5.3	98	% Rel
Fat (Kg)	25.2	Herds	0	Calving Diff %	5.5	70	70 1101
Protein (Kg)	14.4	% Rel	78	Dairy Cow Calving Diff %	2.1	99	% Rel
Fat %	+0.32			Dau Calving	4.5	46	% Rel
Protein (%)	+0.15			Dau Calving	4.5	40	/0 I\EI
				Gest Len (Days)	-4.7	99	% Rel
FERTILITY				Calf Mort	-0.3	98	% Rel
Calving Int (D	<b>ays)</b> -2	.9 Dai	us O	DEEE			
Survival (%)	+1	15 Her	ds 0	BEEF			
Survival (%)	+1	I.5 Her	ds 0	Carcass Wt	-3	Av	erage
Survival (%) HEALTH	+1	I.5 Her	ds 0		-3 -0.7		erage erage
	+1 -0.0		ds 0 erage	Carcass Wt Carcass Conf	0		-
HEALTH Lameness	-0.0	)1 Ave	erage	Carcass Wt	0		-
HEALTH Lameness SCC	-0.0 -0.0	)1 Ave )5 Ave	erage	Carcass Wt Carcass Conf	0		-
HEALTH Lameness	-0.0	)1 Ave )5 Ave	erage	Carcass Wt Carcass Conf TYPE	-0.7		-
HEALTH Lameness SCC	-0.0 -0.0 0.0	)1 Ave )5 Ave	erage	Carcass Wt Carcass Conf TYPE Overall	-0.7		-
HEALTH Lameness SCC Mastitis (%)	-0.0 -0.0 0.0	01 Ave 05 Ave 0 Ave	erage	Carcass Wt Carcass Conf TYPE Overall Udder	-0.7 -0.1 0.1		-

(IG) CLOONEYBEAG	EX	CEED	SRM
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HB No.: HOLIRLM281669143970 Bred by: Robert Mulligan, Castletown, Co Meath Date of Birth: 15/02/2017 Breed: HO Beta Casein: A2A2 Kappa Casein: aAa: 324156 Colour: 0

Sire: (IG) TISAXON ELMO / FR2031 Dam: CLOONEYBEAG MILLIE 3439 G Sire: (IG) WATERWHEEL ARGO / WWA

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
2 Lact	5476	195	207	402	3.56	3.78	380
Average	5295	171	198	369	3.21	3.74	380
Life (2 Lct)	9906	312	362	674	3.15	3.65	

### (IG) CURRIHEVERN RUDOLPH PED



HB No.: HOLIRLM141431290588 Bred by: Daniel Santry, Bandon, Co Cork Date of Birth: 27/01/2013 Breed: HO Beta Casein: A1A2 Kappa Casein: aAa: 513642 Colour: ED/ED

1

Sire: (IG) LAURAGH EVERT / LHZ Dam: CURRIHEVERN BHZ RUBY 511 G Sire: BALLYBROOK ASHLING JUSTICE / BHZ

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs		BFat%	Ptn%	Clv Int
5 Lact	7183	306	280	586	4.26	3.89	377
Average	6494	262	250	512	4.05	3.85	378
Life (5 Lct)	30892	1237	1180	2417	4.00	3.82	

IRL Code: FR4532

#### IRL Code: FR4540 Al Code: -



#### EBI & SUB INDEXES

	€	Rel
EBI	234	62
Production	99	76
Fertility	80	46
Calving	54	88
Beef	-15	53
Health	5	65
Maintenance	8	47
Management	4	57

PRODUCTION							
Milk (Kg)	341	Daus	0				
Fat (Kg)	9.3	Herds	0				
Protein (Kg)	18.8	% Rel	76				
Fat %	-0.07						
Protein (%)	+0.12						

#### FERTILITY

Calving Int (Days)	-4.6	Daus	0
Survival (%)	+1.7	Herds	0

HEALTH		
Lameness	-0.06	Good
SCC	-0.01	Average
Mastitis (%)	0.00	Average
MANAGEMEN	Г	

Temperament	0.09	Average
Milking Speed	-2	Average

10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

Genomic, ICBF October 2020

5.0	89	% Rel
2.0	98	% Rel
5.4	43	% Rel
-4.8	99	% Rel
-0.7	97	% Rel
	2.0 5.4 -4.8	2.0     98       5.4     43       -4.8     99

BEEF		
Carcass Wt	-7	Average
Carcass Conf	-0.9	Average

ТҮРЕ		
Overall	0.2	
Udder	-0.1	
Feet and Legs	0.2	

Irish Daughter, ICBF October 2020

#### IRL Code: PHC Al Code: -

## 

EBI & SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100
EBI	233	96										
Production	93	99										
Fertility	84	94										
Calving	41	98										
Beef	-11	99										
Health	9	95										
Maintenance	15	98										
Management	1	81										

PRODUCTION							
Milk (Kg)	-44	Daus	2810				
Fat (Kg)	12.9	Herds	1017				
Protein (Kg)	10.6	% Rel	99				
Fat %	+0.26						
Protein (%)	+0.21						

FERTILITY				
Calving Int (Days)	-3.7	Daus	1405	
Survival (%)	+3.0	Herds	3547	
HEALTH				
Lameness	-0.06	Good		
SCC	-0.04	Ave	rage	
Mastitis (%)	-0.04	Go	bod	
MANAGEMENT				
Temperament	-0.03	Average		
Milking Speed	-8	Ave	rage	

CALVING			
Dairy Heifer Calving Diff %	6.3	98	% Rel
Dairy Cow Calving Diff %	2.5	99	% Rel
Dau Calving	4.8	96	% Rel
Gest Len (Days)	-3.5	99	% Rel
Calf Mort	-0.6	99	% Rel
BEEF			
• · · · ·	,		

Carcass Wt	-6	Average
Carcass Conf	-0.6	Average
TYPE		
Overall	-2.7	
Udder	-1.5	
Feet and Legs	-3.9	

### (IG)FARNIVANEADH ARAMON SRM SRM

IRL Code: FR5313 Al Code: -

3.2 63 % Rel

1.6

6.3

-5.3

4

-0.1

-0.3 0.1

Feet and Legs

65 % Rel

43 % Rel

77 % Rel

Heavier

-0.8 58 % Rel

-0.6 Average

Sire: (IG) DIAMOND ANTON / FR2239

Dam: FARNIVANEADH LOTTO THELMA

G Sire: (IG) SWEETFIELD LOTTO / FSW

Dam: MOUNTDUDLEY GARNETT SAPHIRE

HB No.: HOLIRLM218972021730 Bred by: Michael Collins, Bandon, Co Cork Date of Birth: 31/01/2018 Breed: HO Beta Casein: A2/A2 Kappa Casein: aAa: 435261 Colour: 0

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
3 Lact	7118	289	255	544	4.06	3.58	368
Average	6677	263	233	496	3.94	3.48	372
Life (3 Lct)	14695	574	502	1076	3.91	3.42	

1315 (GP 82)

## (IG) MOUNTDUDLEY JOKER PED



HB No.: HOLIRLM212492811644
Bred by: Denis & Dominic Sharpe, Roscrea, Co Tipperary
Date of Birth: 20/09/2017
Breed: HO
Beta Casein: A2/A2
Kappa Casein:
aAa: 231456
Colour: 0

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs		BFat%	Ptn%	Clv Int
3 Lact	8453	413	323	736	4.88	3.82	349
Average	7599	371	278	649	4.88	3.64	367
Life (3 Lct)	23054	1129	845	1974	4.90	3.67	

(VG 85)

G Sire: PIMORIN / PIM

28	Ireland	Genetics
20	II Elal lu	Genetics

<b>У</b> NСВС				C	Sen	omi	c, IC	CBF	Oct	obe	er 20	020
EBI & SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100
EBI	225	60										
Production	90	78										
Fertility	71	46					- 1					
Calving	57	65					- 1					
Beef	1	46					- 1					
Health	1	66										
Maintenance	1	45										
Management	2	57										

PRODUCTIO	N			CALVING
Milk (Kg)	312	Daus	0	Dairy Heifer
Fat (Kg)	15.6	Herds	0	Calving Diff %
Protein (Kg)	14.6	% Rel	78	Dairy Cow Calving Diff %
Fat %	+0.06			Dau Calving
Protein (%)	+0.07			3
				Gest Len (Days)
FERTILITY				Calf Mort
Calving Int (D	<b>ays)</b> -4	.0 Da	us O	DEEE
Survival (%)	+ '	1.7 Her	rds 0	BEEF
		1.7 1101	05 0	Carcass Wt
HEALTH				Carcass Conf
Lameness	-0.0	)1 Ave	erage	
SCC	-0.0	13 Ave	erage	TYPE
	0.0		0	Overall
Mastitis (%)	0.0	AV6	erage	Udder

#### MANAGEMENT -0.02 Temperament

Average Milking Speed -10 Average

> IRL Code: FR4686 Al Code: ·

<b>У</b> NCBC				C	Sen	omi	c, IC	CBF	Oct	obe	er 20	020
EBI & SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
EBI	233	61										
Production	107	78										
Fertility	72	46										
Calving	39	78										
Beef	-10	47										
Health	14	68										
Maintenance	12	45										
Management	0	60										

PRODUCTIO	N			CALVING			
Milk (Kg)	250	Daus	0	Dairy Heifer	5.7	66	% Rel
Fat (Kg)	18.9	Herds	0	Calving Diff %	5.7	00	70 1101
Protein (Kg)	15.4	% Rel	78	Dairy Cow Calving Diff %	2.0	83	% Rel
Fat %	+0.15			Dau Calving	5.5	44	% Rel
Protein (%)	+0.12			3		94	
				Gest Len (Days)	-3.2		% Rel
FERTILITY				Calf Mort	-0.8	71	% Rel
Calving Int (D	ays) -3	.3 Da	us O	0.555			
Survival (%)	+	2.4 Her	rds 0	BEEF			
54141441 (70)	12		0	Carcass Wt	-1	Av	erage
HEALTH				Carcass Conf	-1.0	Av	erage
Lameness	-0.0	04 G	iood	ТҮРЕ			
SCC	-0.1	15 G	iood				
Mastitis (%)	-0.0	)5 G	iood	Overall	1.1		
Wastitis (70)	-0.0	5 0	1000	Udder	0.6		
MANAGEME	NT			Feet and Legs	1.0		
Temperament	t -0.0	)8 Av	erage				
Milking Spee	d -9	Av	erage				

### (IG) OLCASTLETOWN RONALDO PED



HB No.: HOLIRLM151481061447 Bred by: Robert Drake, Co Cork Date of Birth: 09/02/2015 Breed: HO Beta Casein: A2A2 Kappa Casein: aAa: 435216 Colour: ED/ED

Sire: GADDAGH CUDDY REEKS (GZY) Dam: OLCASTLETOWN YVONNE RONALDO (VG 85) G Sire: HAZAEL EMINENCE DANO-ET (HZO)

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
5 Lact	9254	372	336	708	4.02	3.63	367
Average	8421	318	310	628	3.79	3.68	359
Life (5 Lct)	41831	1578	1536	3114	3.77	3.67	

## (IG) MODELIGO WHISPER SRM



HB No.: HOLIRLM151620923872 Bred by: David Lonergan, Ballyduff, Co Waterford Date of Birth: 21/02/2014 Breed: HO Beta Casein: A1A2 Kappa Casein: aAa: 531426 Colour: 0

Sire: IMLEACH LUCKY WHISTLER WLY Dam: MODELIGO CWJ MAY 1506 G Sire: CALDWELLS JORDANAIRE CWJ

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs		BFat%	Ptn%	Clv Int
6 Lact	6266	274	224	498	4.37	3.57	363
Average	5600	241	197	438	4.32	3.52	365
Life (9 Lct)	48703	2079	1698	3777	4.27	3.49	

#### IRL Code: FR2298 Al Code: -



#### EBI & SUB INDEXES

€	Rel	10%	20%	
223	92			
82	99			
92	83			
33	95			
-3	98			
8	90			
5	97			
6	78			
	<b>223</b> 82 92 33 -3 8 5	223         92           82         99           92         83           33         95           -3         98           8         90           5         97	223         92           82         99           92         83           33         95           -3         98           8         90           5         97	223     92       82     99       92     83       33     95       -3     98       8     90       5     97

PRODUCTION							
Milk (Kg)	114	Daus	4591				
Fat (Kg)	9.6	Herds	1522				
Protein (Kg)	12.3	% Rel	99				
Fat %	+0.09						
Protein (%)	+0.14						

#### FERTILITY

Calving Int (Days)	-4.8	Daus	172
Survival (%)	+2.5	Herds	375

HEALTH		
Lameness	-0.04	Good
SCC	-0.11	Good
Mastitis (%)	0.00	Average

MANAGEMENT		
Temperament	0.25	Good
Milking Speed	10	Below Ave

30%	40%	50%	60%	70%	80%	90%	100%

Irish Daughter, ICBF October 2020

#### CALVING Dairy Heifer Calving Diff % 5.8 99 % Rel Dairy Cow 99 % Rel 2.6 Calving Diff % Dau Calving 5.2 76 % Rel Gest Len (Days) -2.8 99 % Rel Calf Mort -0.6 99 % Rel

BEEF		
Carcass Wt	-2	Average
Carcass Conf	-0.4	Above Ave

TYPE	
Overall	-2.4
Udder	-2.7
Feet and Legs	-0.8

Irish Daughter, ICBF October 2020

#### IRL Code: FR2056 Al Code: -

## 

EBI & SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	1005
EBI	228	94										
Production	74	99										
Fertility	81	88										
Calving	64	98										
Beef	-9	98										
Health	4	92										
Maintenance	18	97										
Management	-4	80										

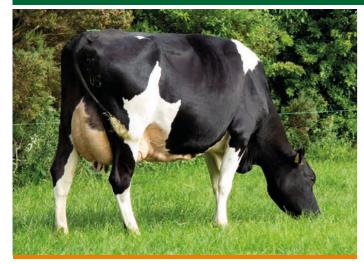
PRODUCTION							
Milk (Kg)	97	Daus	2525				
Fat (Kg)	17.5	Herds	896				
Protein (Kg)	7.9	% Rel	99				
Fat %	+0.24						
Protein (%)	+0.08						

FERTILITY			
Calving Int (Days)	-4.2	Daus	973
Survival (%)	+2.3	Herds	2294
HEALTH			
Lameness	-0.01	Ave	rage
SCC	-0.04	Ave	rage
Mastitis (%)	-0.02	Go	od
MANAGEMENT			
Temperament	-0.07	Ave	rage
Milking Speed	6	Ave	rage

CALVING			
Dairy Heifer Calving Diff %	5.3	97	% Rel
Dairy Cow Calving Diff %	2.2	99	% Rel
Dau Calving	5.5	91	% Rel
Gest Len (Days)	-6.4	99	% Rel
Calf Mort	-0.7	99	% Rel
BEEF			

Carcass Wt	-2	Average
Carcass Conf	-0.7	Average
TYPE		
Overall	0.1	
Udder	0.2	
Feet and Legs	-1.2	

### (IG) OLDCASTLETON EARNEST PED



HB No.: HOLIRLM151481531282 Bred by: 0? Date of Birth: 13/02/2013 Breed: HO Beta Casein: A2A2 Kappa Casein: aAa: 435126 Colour: ED/ED

Sire: (IG) LAURAGH EVERT / LHZ Dam: OLDCASTLETON JUSTICE PAULA G Sire: O-BEE MANFRED JUSTICE ET TV TL / OJI

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
5 Lact	7699	306	268	574	3.98	3.48	376
Average	6672	261	229	490	3.93	3.44	363
Life (6 Lct)	39250	1524	1345	2869	3.88	3.43	

## (IG) DERRYLAMOGUE VINCENT PED



Sire: (IG) CASTLEBLAGH ODIE ABO

G Sire: LISDUFF MANFRED ET LDU

Dam: DERRYLAMOGUE LDU JENNY 1018

HB No.: HOLIRLM221342751332
Bred by: Alan Stephenson, Rosenallis, Co Laois
Date of Birth: 20/01/2014
Breed: HO
Beta Casein: A1A2
Kappa Casein:
aAa: 324156
Colour: ED/ED

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs		BFat%	Ptn%	Clv Int
4 Lact	8102	342	292	634	4.22	3.61	362
Average	6684	269	244	513	3.95	3.61	4
Life (6 Lct)	37391	1471	1337	2808	3.90	3.60	

(VG 85)

**У** NCBC EBI & SUB INDEXES Rel € 219 87 53 Production 98 Fertility 123 77 44 Calving 90 -11 93 Health 84 2 80 Maintenance 9

ГҮРЕ

Overall

Udder

Feet and Legs

IRL Code: OET

60% 70% 80% 90%

5.0 81 % Rel

2.0

5.1

-3.6

-3

-1.6

-1.1 -2.5

91 % Rel

72 % Rel

98 % Rel

Average

0.1 86 % Rel

-0.8 Average

IRL Code: FR2036

AI Code:

4.9 99 % Rel

1.9 99 % Rel

-0.6 99 % Rel

-1.0 Average

91 % Rel

99 % Rel

Average

5.2

-2.9

-8

0.0

-0.4

0.6

Irish Daughter, ICBF October 2020

Al Code: -

Management		-1	77	
PRODUCTIO	N			CALVING
Milk (Kg)	161	Daus	135	Dairy Heifer
Fat (Kg)	7.6	Herds	86	Calving Diff %
Protein (Kg)	8.8	% Rel	98	Dairy Cow Calving Diff %
Fat %	+0.02			3
Protein (%)	+0.06			Dau Calving
				Gest Len (Days)
FERTILITY				Calf Mort
Calving Int (D	<b>ays)</b> -5.	7 Daus	91	DEEE
Survival (%)	+4	1 Herds	155	BEEF
	• •	i iicius	100	Carcass Wt
HEALTH				Carcass Conf

EBI

Beef

Lameness -0.01 Average SCC -0.03 Average Mastitis (%) 0.00 Average

#### **MANAGEMEN** Temperament 0.11

Average Milking Speed 17 Below Ave

<b>У</b> NCBC			Iri	sh D	aug	hte	r, IC	BF	Oct	obe	er 20	020
EBI & SUB INDEXES												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	1009
EBI	218	94										
Production	70	99										
Fertility	113	89										
Calving	41	98										
Beef	-20	98										
Health	8	92										
Maintenance	8	95										
Management	-2	80										

PRODUCTIO	N				CALVING
Milk (Kg)	29	[	Daus	2075	Dairy Heifer
Fat (Kg)	2.7	F	lerds	879	Calving Diff %
Protein (Kg)	11.4	9	6 Rel	99	Dairy Cow Calving Diff %
Fat %	+0.0	3			
Protein (%)	+0.13	В			Dau Calving
					Gest Len (Days)
FERTILITY					Calf Mort
Calving Int (D	ays) ·	-6.3	Daus	879	BEEF
Survival (%)	-	+2.7	Herds	1842	
					Carcass Wt
HEALTH					Carcass Conf
Lameness		0.00	Ave	rage	TVDE
SCC	-	0.13	Go	bod	ТҮРЕ
Mastitis (%)		0.03	Ge	od	Overall
IvidStitis (70)	-	0.05	Ű	Jou	Udder
MANAGEME	NT				Feet and Legs
_					

Temperament -0.14 Below Ave Milking Speed -10 Average

## (IG) DIAMOND ANTON SRM



HB No.: HOLIRLM211213691374 Bred by: Fabian Jacob, Ballyragget, Co Kilkenny Date of Birth: 15/02/2015 Breed: HO Beta Casein: A1A2 Kappa Casein: aAa: 453621 Colour: ED/ED

Sire: IMLEACH LUCKY GLOSS YKG Dam: DIAMOND GFO AINE G Sire: GROSS-FARM O-MAN SECRET-ET

Sire: (IG) MEADOWVIEW RODNEY / FR2237

G Sire: (IG) BALLINABORTA PRIMO / PBM

Dam: CAPPASOUTH PRIMO KELLY

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
4 Lact	8795	320	316	636	3.64	3.59	355
Average	7871	304	280	584	3.88	3.56	364
Life (5 Lct)	35019	1344	1233	2577	3.84	3.52	

### (IG) CAPPASOUTH KAPRI PED



HB No.: HOLIRLM216499931901 Bred by: James Lynch, Sixmilebridge, Co Clare Date of Birth: 09/02/2017 Breed: HO Beta Casein: A2A2 Kappa Casein: aAa: 234156 Colour: 0

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
3 Lact	7964	292	276	568	3.67	3.46	370
Average	7426	287	257	544	3.88	3.46	371
Life (3 Lct)	15906	633	551	1184	3.98	3.46	

#### IRL Code: FR2239 Al Code: -



### EBI & SUB INDEXES

	€	Rel
EBI	205	93
Production	79	99
Fertility	75	85
Calving	50	96
Beef	5	98
Health	-7	91
Maintenance	1	98
Management	3	78

PRODUCTION							
Milk (Kg)	382	Daus	5302				
Fat (Kg)	13.3	Herds	1466				
Protein (Kg)	14.5	% Rel	99				
Fat %	-0.03						
Protein (%)	+0.03						

#### FERTILITY

Calving Int (Days)	-4.5	Daus	295
Survival (%)	+1.4	Herds	835

.01 Average
5
.06 Average
.04 Below Ave

MANAGEMENT						
Temperament	-0.01	Average				
Milking Speed	-10	Average				

10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

Irish Daughter, ICBF October 2020

5.8	99	% Rel
2.2	99	% Rel
5.8	84	% Rel
-5.1	99	% Rel
-0.7	99	% Rel
	2.2 5.8 -5.1	2.2         99           5.8         84           -5.1         99

BEEF		
Carcass Wt	3	Average
Carcass Conf	-0.4	Above Ave

TYPE		
Overall	-0.7	
Udder	-0.5	
Feet and Legs	-0.7	

#### IRL Code: FR4548 AI Code:

## 

€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
195	60										
70	75										
73	43										
57	81										
-24	52										
4	61										
15	47										
0	54										
	<b>195</b> 70 73 57 -24 4 15	195         60           70         75           73         43           57         81           -24         52           4         61           15         47	195         60           70         75           73         43           57         81           -24         52           4         61           15         47	195         60           70         75           73         43           57         81           -24         52           4         61           15         47	195         60           70         75           73         43           57         81           -24         52           4         61           15         47	195         60           70         75           73         43           57         81           -24         52           4         61           15         47	195         60           70         75           73         43           57         81           -24         52           4         61           15         47	195       60         70       75         73       43         57       81         -24       52         4       61         15       47	195       60         70       75         73       43         57       81         -24       52         4       61         15       47	195       60         70       75         73       43         57       81         -24       52         4       61         15       47	195       60         70       75         73       43         57       81         -24       52         4       61         15       47

PRODUCTION							
Milk (Kg)	22	Daus	0				
Fat (Kg)	5.9	Herds	0				
Protein (Kg)	10.1	% Rel	75				
Fat %	+0.09						
Protein (%)	+0.16						

FERTILITY				
Calving Int (Days)	-3.2	Daus	0	
Survival (%)	+2.6	Herds	0	
HEALTH				
Lameness	-0.02	Average		
SCC	-0.07	Average		
Mastitis (%)	0.00	Averag	je	
MANAGEMENT				
Temperament	0.02	Averag	je	
Milking Speed	3	Averag	je	

20%	30%	40%	50%	60%	70%	80%	90%	100%



CALVING			
Dairy Heifer Calving Diff %	4.6	67	% Rel
Dairy Cow Calving Diff %	1.7	89	% Rel
Dau Calving	5.8	37	% Rel
Gest Len (Days)	-5.6	97	% Rel
Calf Mort	0.5	84	% Rel
DEEE			

BEEF		
Carcass Wt	-11	Average
Carcass Conf	-0.7	Average
TYPE		
Overall	-0.6	
Udder	-0.9	
Feet and Legs	-0.1	

## (IG) NEXTGEN ACTION SRM



Sire: SEAROAD AWS PAMELA 1 (SEW)

G Sire: MLEACH LUCKY WHISTLER / WLY

Dam: NEXTGEN WLY BLOSSOM 265

HB No.: HOLIRLM151941630815
Bred by: Teagasc, Moorepark, Co Cork
Date of Birth: 30/01/2016
Breed: HO
Beta Casein: A2A2
Kappa Casein:
aAa: 435216
Colour: 0

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
1 Lact	6785	303	264	567	4.46	3.89	-
Average	6785	303	264	567	4.46	3.89	-
Life (1 Lct)	7112	319	278	597	4.49	3.91	

## (IG) MODELIGO GRAND MAN SRM



Bred by: David Lonergan, D	ire: BAGWORTH PF GRANDEUR S1F / BGJ Dam: MODELIGO BWZ JENNY 1746 6 Sire: BAGWORTH ZANDER KEET / BWZ
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DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs	F+P	BFat%	Ptn%	Clv Int
2 Lact	6620	282	240	522	4.26	3.62	394
Average	5563	244	204	449	4.43	3.68	389
Life (6 Lct)	30131	1291	1088	2379	4.28	3.61	

			lris	sh D	aug	hte	r, IC	BF	Oct	obe	er 20	020
S												
	€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
	188	86										
	52	97										
	96	74										
	46	90										
	-22	95										
	2	80										

Udder

Feet and Legs

IRL Code: FR4164

Al Code: -

6.7 89 % Rel

-0.1 95 % Rel

-0.7 Average

IRL Code: OMG Al Code: -

2.6

5.0

-4.7

-12

-0.5

-0.1

-1.2

97 % Rel

55 % Rel

99 % Rel

Lighter

Maintenance		16	8	33	
Management		-2	7	73	
PRODUCTIO	N				CALVING
rkobucho					
Milk (Kg)	131	Daus	39	77	Dairy Heifer
Fat (Kg)	6.0	Herds	13	37	Calving Diff %
Protein (Kg)	8.7	% Rel	9	7	Dairy Cow Calving Diff %
Fat %	+0.01				
Protein (%)	+0.07				Dau Calving
	. 0.07				Gest Len (Days)
FERTILITY					Calf Mort
Calving Int (D	ays) -	4.3 D	aus	0	DEEE
Survival (%)	+	3.3 H	erds	0	BEEF
541 11 41 (76)		0.0 11	cius	0	Carcass Wt
HEALTH					Carcass Conf
Lameness	0.	01 A	verag	le	TYPE
SCC	-0.	06 A	verag	le	
Manthia (0/)	0	nn A			Overall

0.00 Average

**У** NCBC

EBI Production Fertility Calving Beef Health

Mastitis (%)

EBI & SUB INDEXES

MANAGEMENT 0.12 Average Temperament

Milking Speed 20 Below Ave

	С				Iris	sh D	aug	ghte	er, IC	CBF	Oct	tobe	er 20	020
EBI & SUB II	NDEX	ES												
			€	Rel	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
EBI			202	93										
Production			50	99										
Fertility			94	87										
Calving			44	96										
Beef			-10	98										
Health			6	90										
Maintenance			7	93										
Management	t		10	80										
PRODUCTIC	N				C,	ALVI	NG							
Milk (Kg)	-44	.	Daus	717		airy				5.7		95	% I	Rel
Fat (Kg)	10.7	7 F	Herds	270		alvin	•		•					
Protein (Kg)	4.1	9	% Rel	99		airy alvin				2.1		98	% I	Rel
Fat %	+0.2	-				au C	•		, 	5.7		86	%	Rel
Protein (%)	+0.1	0				est L		-	s)	-4.2		99	% I	
FERTILITY						alf N		, <b>,</b>	-,	-0.6		97	%	Rel
Calving Int (D	2)(2)	-4.5	Daus	333										
Survival (%)		+3.0		787	BE	EF								
Survivai (%)		±2.0	rierds	/0/	Ca	arcas	s W	/t		-3		Av	erag	е
HEALTH					Ca	arcas	s C	onf		-0.	9	Av	erag	е
Lameness		-0.02	Ave	rage	-									
SCC		-0.04	Ave	rage		(PE				0	4			
Mastitis (%)		-0.03	Go	od	-	vera				-0.4				
						dder				0.0				
MANAGEME	INT				Fe	et a	nd	Legs	5	-0.0	5			

MANA Tempe Milking Speed -21 Fast

## (IG) CALIBER CORDAL PED



HB No.: HOLIRLM191349491660 Bred by: Michael Griffin, Castleisland Co Kerry Date of Birth: 02/02/2016 Breed: HO Beta Casein: A1A2 Kappa Casein: aAa: 324156 Colour: 0

Sire: GADDAGH CUDDY REEKS / GZY Dam: CALIBER KAZ COLLEEN 1435 (GP 83) G Sire: CURRA GYK ANGEL 2 / KAZ

DAM YIELDS	Milk Kgs	Fat Kgs	Ptn Kgs		BFat%	Ptn%	Clv Int
2 Lact	6701	265	235	500	3.96	3.50	376
Average	6269	254	220	474	4.03	3.51	369
Life (3 Lct)	17847	721	621	1342	4.04	3.48	

			-
AGEMENT			F
erament	0.09	Average	
na Speed	-21	Fast	

32	Ireland	Genetics

#### IRL Code: FR4197 Al Code: -



### EBI & SUB INDEXES

	€	Rel	
EBI	191	82	
Production	49	95	
Fertility	90	69	
Calving	53	90	
Beef	-16	87	
Health	6	77	
Maintenance	15	75	
Management	-6	70	

#### PRODUCTION Milk (Kg) -28 Daus 162 Fat (Kg) 3.9 Herds 91 Protein (Kg) 6.5 % Rel 95 Fat % +0.09 Protein (%) +0.13

#### FERTILITY

Calving Int (Days)	-4.0	Daus	0
Survival (%)	+3.2	Herds	0

HEALTH		
Lameness	-0.01	Average
SCC	-0.09	Average
Mastitis (%)	-0.02	Good

MANAGEMENT		
Temperament	0.02	Average
Milking Speed	21	Below Ave

	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1										

Irish Daughter, ICBF October 2020

CALVING			
Dairy Heifer Calving Diff %	4.2	97	% Rel
Dairy Cow Calving Diff %	1.8	95	% Rel
Dau Calving	5.2	54	% Rel
Gest Len (Days)	-4.4	99	% Rel
Calf Mort	-0.2	95	% Rel

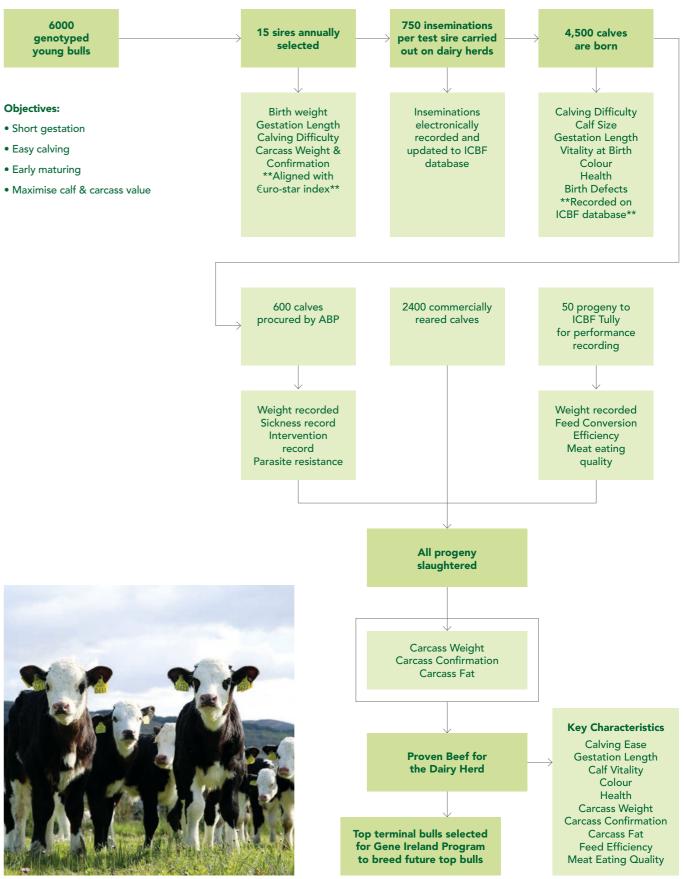
### BEEF

Carcass Wt	-8	Average	
Carcass Conf	-0.5	Average	
TYPE			

Overall	-1.2
Udder	-1.4
Feet and Legs	-0.8

# NOTES

# **BEEF ON DAIRY PROGRAM**





			Beef on Dairy Calving difficulty (% 3 & 4)						
Code	Breed	Name	Dairy Heifer PTA	Rel. %	Breed Average	Dairy Cow PTA	Rel. %	Breed Average	
AA4089	AA	INTELAGRI MATTEO E.T.	6.4	98	8.07	2.5	99	2.77	
AA4640	AA	HW FARGHAL T516	10.41	61	8.07	3.2	94	2.77	
AA4088	AA	INTELAGRI MAVERICK E.T.	8.4	97	8.07	3.1	99	2.77	
AA2309	AA	ST AODAIN L MASTER	10.9	88	8.07	4.2	97	2.77	
AA2123	AA	CHRISTON ELTON P623	8.6	98	8.07	3.5	99	2.77	
AA4086	AA	MARIANHILL L PAPA 516	8.7	94	8.07	3.6	98	2.77	
AA4631	AA	GABRIEL PAT 1949	5.4	66	8.07	1.9	89	2.77	
AA5310	AA	GABRIEL POUNDMAN	8.2	58	8.07	2.6	81	2.77	
ZTP	AA	TUBRIDMORE PRIDE K415	5	99	8.07	1.7	99	2.77	
AU4683	AU	TURLOUGHMORE MAGNIFICIENT	9.4	39	8.62	4.2	82	3.48	
HE4297	HE	FABB 1 NORTHERN STAR {HYF}	10.1	69	11.67	3.7	89	4.63	
HE4291	HE	ALLOWDALE ADVANCE 573 ET	12.4	68	11.67	4.4	98	4.63	
HE4643	HE	MOORSIDE 1 PANDA {{HYF}	10.7	44	11.67	3.9	96	4.63	
кко	HE	DENDOR 1 KOHINOOR PP {HYF}	12.5	84	11.67	5.7	99	4.63	
HE4641	HE	MOORSIDE 1 PRESIDENT {HYF}	13.1	46	11.67	5.6	93	4.63	
HE4298	HE	FABB 1 NUTCRACKER {HYF}	7.7	88	11.67	3	99	4.63	
HE2408	HE	NETHERHALL 1 OZ DAFFY M040	7.4	82	11.67	3.1	98	4.63	
HE4266	HE	HOLLYBUSH 1 NOBLE {HYF}	14.3	55	11.67	4.1	95	4.63	
ZAG	LM	CASTLEVIEW GAZELLE	9	93	11.9	4.5	99	5.6	
LM4360	LM	AHERLA K 7 P	13.3	41	11.9	6.3	88	5.6	
BB4286	BB	IDEAL DE PETIT WARET	12.4	31	16.22	7.7	97	10.03	
BB4369	BB	COOLBANAGHER KING	14.1	29	16.22	7.2	87	10.03	
WA2409	WA	EDENBANE GLENISLA FUJISAWA	5.1	55	n/a	2.3	84	n/a	
SH4748	SH	BUNCRAGGY FIREFOX	9.9	31	9.96	5.2	41	4.44	

G	iestation length (da	iys)		Carcass weight (kg	g)	Carcass conformation			
ΡΤΑ	Rel. %	Breed Average	РТА	Rel. %	Breed Average	РТА	Rel. %	Breed Average	Recommended Usage
-3.9	99	0.22	5.6	97	5.98	0.72	96	1.91	Maidens
-0.58	99	0.22	14.6	53	5.98	0.66	40	1.91	2nd calvers
-3.32	99	0.22	6.2	97	5.98	0.63	97	1.91	2nd calvers
-0.17	99	0.22	12.5	99	5.98	0.82	98	1.91	Cows
-3.83	99	0.22	5.8	99	5.98	0.36	99	1.91	2nd calvers
0.48	99	0.22	-1.3	98	5.98	0.46	97	1.91	Cows
-2.78	98	0.22	7.2	52	5.98	0.59	45	1.91	Maidens
-2.11	95	0.22	9.4	47	5.98	0.74	46	1.91	Cows
-1.21	99	0.22	-15.4	99	5.98	0.66	99	1.91	Maidens
0.82	96	0.96	21.5	54	17.85	2.21	49	1.91	Cows
-1.78	99	1.29	0.4	94	4.43	0.57	92	0.5	2nd calvers
-0.32	99	1.29	7.8	95	4.43	0.5	94	0.5	Cows
-0.24	99	1.29	2.7	44	4.43	0.47	37	0.5	2nd calvers
-0.17	99	1.29	3.4	99	4.43	0.69	99	0.5	Cows
-2.91	99	1.29	5.2	55	4.43	0.5	46	0.5	Cows
-2.88	99	1.29	-4.8	95	4.43	0.44	93	0.5	2nd calvers
1.09	99	1.29	-5.6	99	4.43	0.73	99	0.5	2nd calvers
0.49	99	1.29	-2.3	96	4.43	0.74	94	0.5	Cows
4	99	3.82	19.3	99	23.58	2.17	99	2.14	Cows
1	98	3.82	24	74	23.58	1.99	66	2.14	Cows
-0.74	99	0.92	22.9	92	35.68	2.57	89	2.83	Cows
2.05	97	0.92	19.3	60	35.68	2.54	46	2.83	Cows
-0.46	98	n/a	-19.5	75	-1.86	-0.03	65	2.85	Maidens
0.16	58	1.2	14.3	44	2.96	0.68	42	0.48	Cows

#### FABB 1 NORTHERN STAR {HYF}

IRL Code: HE4297



IRL Code: AA4088







COOLBANAGHER KING

IRL Code: BB4369

