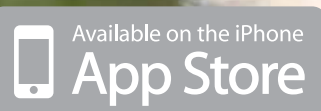


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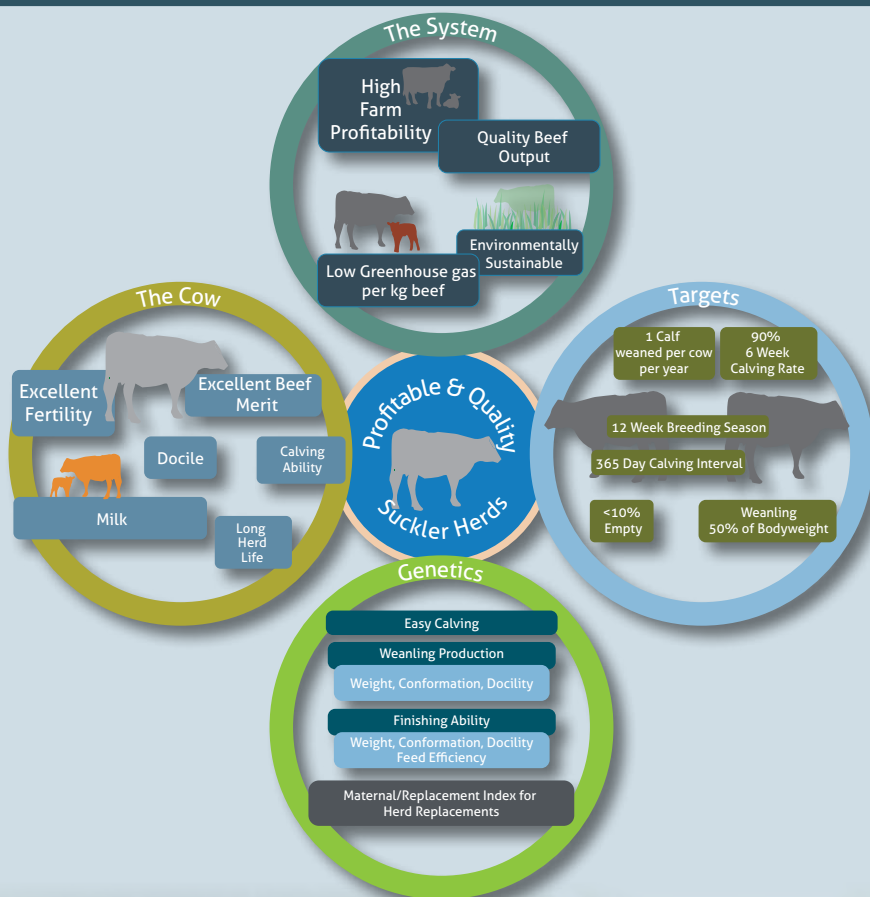
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Targeting Profitable Suckler Farming



Front Cover:

Tommy & Tricia Kennedy, Sligo, LGL cow with ZAG twins

Progressive Genetics Active **Angus** Bulls October 2020 Ranked by Replacement Index



Bull Details			Terminal Index				Replacement Index				Calving					Beef Traits			Other traits	
CODE	Name	Page	Terminal Index	Rel	within breed star	across breed star	Replace't Index	Rel	within breed star	across breed star	Beef Cow Calving	Cow Rel	Beef Heifer Calving	Heif Rel	Gestation length (days)	Docility (1-5 scale)	Carcass weight (kg)	Carcass conformation (Scale)	Dau Milk	Calving interval (days)
AA4632	SALLOWGLEN JAMIE T771		€67	55	4	2	€163	49	5	5	1.0	73	3.6	66	-2.8	0.02	4.4	0.71	11.8	-6.2
AA4088	INTELAGRI MAVERICK E.T.	25	€87	91	5	3	€147	65	5	5	1.6	92	5.5	91	-3.3	0.08	6.2	0.63	8.4	-5.3
AA4089	INTELAGRI MATTEO E.T.	25	€76	92	4	2	€143	65	5	5	1.7	95	4.3	95	-3.9	0.01	5.6	0.72	9.3	-5.5
AA4639	HW ADONNIS T243		€85	51	5	3	€134	41	5	5	2.2	72	6.7	47	-3.9	-0.01	12.8	0.42	11.1	-3.5
AA5310	GABRIEL POUNDMAN		€85	53	5	3	€131	51	5	5	2.2	72	4.9	64	-2.1	0.02	9.4	0.74	7.2	-7.0
AA6331	DEELISH SHOTGUN	29	€95	50	5	3	€131	46	5	5	1.4	68	4.9	47	-1.2	0.11	14.9	0.85	9.2	-4.8
AA4640	HW FARGHAL T516	24	€89	58	5	3	€126	47	5	5	2.4	91	5.5	83	-0.6	0.1	14.6	0.66	12.0	-2.9
AA2123	CHRISTON ELTON P623		€57	93	2	2	€122	79	5	5	2.7	96	6.4	96	-3.8	-0.01	5.8	0.36	9.0	-4.4
AA4631	GABRIEL PAT 1949		€84	56	5	3	€121	50	5	5	1.2	78	3.0	61	-2.8	-0.05	7.2	0.59	6.1	-5.4
AA5479	DRUMCARBIN PRINCE MAMBO	28	€88	52	5	3	€121	49	5	5	2.1	72	4.1	50	1.7	0.09	14.8	0.61	5.5	-5.6
AA5280	COOLRAIN PATRIARCH	28	€90	52	5	3	€105	48	4	4	3.0	75	5.6	59	-2.2	0.00	13.5	0.77	3.8	-4.1
AA4323	TREE BRIDGE POWYS S589	26	€78	67	5	3	€94	52	3	4	4.5	89	12.4	75	0.1	0.02	14.6	0.86	7.3	-2.1
AA4087	GOULDING MAN OH MAN	26	€87	92	5	3	€93	70	3	4	4.5	97	11.2	87	1.4	0.05	21.3	1.02	2.7	-4.2
AA2309	ST AODAIN L MASTER	27	€67	90	4	2	€86	74	2	3	2.5	86	7.6	81	-0.2	0.02	12.5	0.82	3.9	-7.1
GJB	GOULDING JUMBO KING K436 ET		€56	96	2	2	€72	98	1	3	2.2	99	5.9	98	-1.7	-0.01	14.4	0.45	3.6	-3.5

Progressive Genetics Active **Aubrac** Bulls October 2020 Ranked by Replacement Index



Bull Details			Terminal Index				Replacement Index				Calving				Beef Traits			Other traits		
CODE	Name	Page	Terminal Index	Rel	within breed star	across breed star	Replace't Index	Rel	within breed star	across breed star	Beef Cow Calving	Cow Rel	Beef Heifer Calving	Heif Rel	Gestation length (days)	Docility (1-5 scale)	Carcass weight (kg)	Carcass conformation (Scale)	Dau Milk	Calving interval (days)
AU4683	TURLOUGHMORE MAGNIFICENT	41	€134	58	5	5	€205	52	5	5	1.8	85	6.9	60	0.8	0.12	21.5	2.21	4.8	-4.1
DSH	DUCHES		€106	87	2	3	€101	77	1	4	3.9	93	10.8	79	1.9	0.07	20.9	1.93	1.2	-1.4

Progressive Genetics Active **Blonde D'Aquataine** Bulls October 2020 Ranked by Replacement Index



Bull Details			Terminal Index			Replacement Index			Calving				Beef Traits			Other traits				
CODE	Name	Page	Terminal Index	Rel	within breed star	across breed star	Replace't Index	Rel	within breed star	across breed star	Beef Cow Calving	Cow Rel	Beef Heifer Calving	Heif Rel	Gestation length (days)	Docility (1-5 scale)	Carcass weight (kg)	Carcass conformation (Scale)	Dau Milk	Calving interval (days)
BA4550	HASHTAG		€94	54	1	3	€89	45	5	4	3.3	74	11.5	42	4.4	-0.06	9.7	2.07	2.4	1.8
S757	ROMARIN		€119	58	2	4	€53	50	3	2	3.2	65	10.7	32	3.2	-0.13	18.9	2.34	-4.9	1.3
BA2308	STONELEA INZAGI	40	€106	86	1	3	€37	65	2	1	5.8	96	12.3	79	5.7	0.01	24.7	2.11	-6.8	0.2

Progressive Genetics Active **Belgian Blue** Bulls October 2020 Ranked by Replacement Index



Bull Details			Terminal Index			Replacement Index			Calving				Beef Traits			Other traits				
CODE	Name	Page	Terminal Index	Rel	within breed star	across breed star	Replace't Index	Rel	within breed star	across breed star	Beef Cow Calving	Cow Rel	Beef Heifer Calving	Heif Rel	Gestation length (days)	Docility (1-5 scale)	Carcass weight (kg)	Carcass conformation (Scale)	Dau Milk	Calving interval (days)
BB2342	WOODEND HOGAN		€109	72	1	3	€103	50	5	4	6.	61	11.6	31	1.0	0.16	20.2	2.19	5.7	1.6
BB4324	BOROSIDE JAGERBOMB ET	22	€134	67	2	5	€87	52	5	3	10.3	88	17.4	43	0.1	0.18	28.6	2.76	4.5	5.0
BB5223	NOX DE L'ORGELOT	20	€102	48	1	3	€83	45	5	3	11.5	71	22.7	45	0.3	0.2	25.2	2.54	5.6	1.5
FSN	FOLON DE CRAS AVERNAS	22	€128	87	2	4	€73	69	4	3	10.2	97	22.5	62	1.9	0.21	28.5	2.88	4.9	4.4
BB5226	MARIUS DES PRINCES DE LIGNE		€95	38	1	3	€64	35	4	2	9.3	58	19	33	-1.1	0.19	22.7	2.19	6.2	2.4
RWS	ROSEMOUNT CASH ET		€114	92	1	4	€61	92	4	2	10.5	99	23.4	82	0.4	0.22	26.0	2.86	4.6	4.8
BB4498	DELURE DE LA BEOLE	21	€105	48	1	3	€59	40	4	2	9.6	86	20.7	32	0.7	0.21	25.7	2.35	6.6	4.2
VSM	VEUR DE SOMME		€103	88	1	3	€49	86	3	1	11.7	90	21.7	65	-0.7	0.20	21.7	2.46	5.3	4.1
BB4369	COOLBANAGHER KING		€95	58	1	3	€37	47	2	1	10.2	75	19.7	50	2.1	0.18	19.3	2.54	4.7	5.3
PPS	PATISSIER DE LA GRANDE ROSE	23	€121	88	1	4	€33	79	2	1	13.4	90	24.2	64	2.4	0.23	30.4	2.70	2.1	7.1
BB2082	NOBLE DE PETIT ROSIERE		€129	87	2	4	€29	74	2	1	12.9	85	21.6	64	-0.4	0.2	28.7	2.91	3.8	5.6
BB4015	SIRE DE LA COUE		€103	82	1	3	€15	57	2	1	14.6	70	22.4	37	0.2	0.14	29.7	2.69	3.9	7.9
BB5259	DAMOISEAU CHARD		€47	38	1	1	€8	35	1	1	16.0	60	40	35	2.0	0.16	21.6	2.13	4.4	2.8

Progressive Genetics Active **Shorthorn** Bulls October 2020 Ranked by Replacement Index



Bull Details			Terminal Index			Replacement Index			Calving				Beef Traits			Other traits				
CODE	Name	Page	Terminal Index	Rel	within breed star	across breed star	Replace't Index	Rel	within breed star	across breed star	Beef Cow Calving	Cow Rel	Beef Heifer Calving	Heif Rel	Gestation length (days)	Docility (1-5 scale)	Carcass weight (kg)	Carcass conformation (Scale)	Dau Milk	Calving interval (days)
SH4748	BUNCRAGGY FIRE FOX (RO)(P)	37	€74	57	5	2	€120	49	4	5	2.6	88	6.8	72	-0.6	0.14	20	0.74	8.8	-2.1
SH2181	COOLVIN DOMINATOR (R)		€35	90	4	1	€98	75	2	4	4.3	94	11.2	85	2.9	0.11	12.1	0.84	10.1	0.7
SH4209	STONELOYD HALCYON MATRIX (P)	36	€18	77	3	1	€66	54	1	2	8.2	94	16.4	84	-0.7	0.26	4.9	0.74	7.4	-1.5

Progressive Genetics Active **Salers** Bulls October 2020 Ranked by Replacement Index



Bull Details			Terminal Index				Replacement Index				Calving				Beef Traits			Other traits		
CODE	Name	Page	Terminal Index	Rel	within breed star	across breed star	Replace't Index	Rel	within breed star	across breed star	Beef Cow Calving	Cow Rel	Beef Heifer Calving	Heif Rel	Gestation length (days)	Docility (1-5 scale)	Carcass weight (kg)	Carcass conformation (Scale)	Dau Milk	Calving interval (days)
SA4604	KNOTTOWN ROY	35	€109	69	5	3	€250	57	5	5	1.4	93	5.6	93	-0.2	0.1	20.3	1.26	11.9	-3.8
SA4461	SPIDDAL PAT	35	€79	76	2	3	€135	60	2	5	2.5	89	6.8	87	2.1	-0.13	15.5	1.03	10.5	-3.4

Progressive Genetics Active Charolais Bulls October 2020 Ranked by Replacement Index



Bull Details			Terminal Index				Replacement Index				Calving				Beef Traits			Other traits		
CODE	Name	Page	Terminal Index	Rel	within breed star	across breed star	Replace't Index	Rel	within breed star	across breed star	Beef Cow Calving	Cow Rel	Beef Heifer Calving	Heif Rel	Gestation length (days)	Dolcility (1-5 scale)	Carcass weight (kg)	Carcass conformation (Scale)	Dau Milk	Calving interval (days)
FSZ	FISTON	14	€158	96	5	5	€132	97	5	5	5.7	99	10.2	98	3.7	0.08	40.5	2.31	-3.0	-4.9
CH4082	FIRODA JASON	16	€143	92	5	5	€121	71	5	5	9.4	98	16.6	61	3.5	0.13	40.8	2.29	-4.9	-4.6
CH4321	LAPON	13	€167	69	5	5	€121	50	5	5	4.8	96	9.5	67	1.8	0.10	42.8	2.19	2.9	-0.6
RRZ	RANCARD		€126	87	3	4	€89	82	4	4	8.3	97	17.6	64	4.7	0.05	40.4	2.44	2.8	-0.9
CH6310	GLERA ORAN	14	€149	53	5	5	€88	50	4	3	5.6	74	8.9	49	3.6	0.00	42.2	1.97	-4.7	-3.3
CH4320	LISERON	18	€111	80	2	4	€85	57	4	3	7.2	98	13.5	68	2.7	-0.03	33.1	1.92	3.2	-1.2
CH4251	GOLDSTAR LUDWIG	12	€129	87	3	4	€71	66	3	2	7.0	98	11.4	67	2.0	0.07	37.4	1.89	-2.1	-2.1
CH6175	NERON Pp	18	€110	36	2	4	€70	34	3	2	6.4	60	13.0	28	1.8	0.05	28.9	1.64	-1.6	-2.2
GEZ	GEDEON		€135	92	4	5	€63	83	3	2	8.8	98	15.1	65	4.3	0.01	39.6	2.14	-3.2	-0.6
CH4252	CAVELANDS LEVI	15	€143	89	5	5	€59	67	3	2	9.5	98	17.2	59	1.9	0.04	39.1	2.15	-3.5	-0.5
CH5482	AGROCHYT DEMON PP	17	€85	37	1	3	€47	35	2	1	7.6	63	12.3	28	3.0	-0.01	21.9	1.52	-1.2	-1.2
GRF	GERARD		€120	93	2	4	€15	83	1	1	8.1	99	17.1	67	3.8	0.07	33.6	2.29	-5.6	2.8
ICR	ICARE		€123	93	3	4	€14	93	1	1	11.0	99	19.3	82	4.1	0.07	42.1	2.1	-3.2	1.0
ALK	ALCOR		€98	65	1	3	-€13	49	1	1	17.8	79	24.1	28	4.5	0.08	38.7	2.82	-4.0	0.9
MDO	MOGADOR		€107	95	1	3	-€39	98	1	1	8.7	99	14.9	97	2.3	0.03	28.6	1.95	-5.0	3.1
CH4637	CLENAGH MISCHIEF 2 ET	16	€145	64	5	5	-€58	57	1	1	13.3	94	17.9	54	3.0	0.19	45.4	2.45	-7.1	4.4
CH6493	OMEGA	19					Proof not yet available													
CH6490	ORBI	19					Proof not yet available													

Progressive Genetics Active Hereford Bulls October 2020 Ranked by Replacement Index



Bull Details			Terminal Index			Replacement Index			Calving				Beef Traits			Other traits				
CODE	Name	Page	Terminal Index	Rel	within breed star	across breed star	Replace't Index	Rel	within breed star	across breed star	Beef Cow Calving	Cow Rel	Beef Heifer Calving	Heif Rel	Gestation length (days)	Dolcility (1-5 scale)	Carcass weight (kg)	Carcass conformation (Scale)	Dau Milk	Calving interval (days)
HE5298	ALLOWDALE APACHE	38	€70	55	5	2	€158	50	5	5	1.8	77	7.3	51	-0.7	0.17	9.5	0.72	9.4	-5.2
GPZ	GROUSEHALLPOLL 1 PREMIER Pp	39	€84	94	5	3	€104	95	5	4	2.8	98	6.9	94	0.2	0.06	10.3	0.55	2.1	-5.7
HE5346	FISHER 1 PROFILE P456 PP		€88	43	5	3	€99	38	5	4	2.2	72	4.2	38	-2.0	0.1	10.2	0.58	3.3	-4.3
HE6361	SOLPOLL 1 SPARK PP		€61	36	5	2	€99	34	5	4	2.9	60	7.5	37	-0.1	0.12	5.9	0.52	7.7	-3.2
HE6364	SOLPOLL 1 SONIC PP	39	€45	41	3	1	€81	38	4	3	3.6	64	9.8	40	0.3	0.12	2.1	0.58	5.5	-3.3
HE4291	ALLOWDALE ADVANCE 573 ET		€58	86	4	2	€73	59	4	3	2.8	86	6.9	65	-0.3	0.1	7.8	0.50	2.4	-4.8
HE5452	ALLOWDALE AXEL	38	€78	49	5	3	€53	46	2	2	2.7	74	8.8	48	-0.5	0.24	13.9	0.54	2.0	-3.9

Progressive Genetics Active Limousin Bulls October 2020 Ranked by Replacement Index



Bull Details			Terminal Index			Replacement Index			Calving				Beef Traits			Other traits				
CODE	Name	Page	Terminal Index	Rel	within breed star	across breed star	Replace't Index	Rel	within breed star	across breed star	Beef Cow Calving	Cow Rel	Beef Heifer Calving	Heif Rel	Gestation length (days)	Dolcility (1-5 scale)	Carcass weight (kg)	Carcass conformation (Scale)	Dau Milk	Calving interval (days)
LM5611	TOMSCHOICE NATION		€171	48	5	5	€190	45	5	5	4.0	70	8.0	49	2.2	-0.02	34.8	2.54	4.6	-1.2
LM4217	MOONDHARRIG KNELL	5	€122	93	3	4	€166	68	5	5	4.0	99	8.6	99	2.8	-0.11	20.1	2.05	5.7	-1.7
ZAG	CASTLEVIEW GAZELLE	4	€126	97	3	4	€131	98	5	5	3.4	99	8.1	99	4.0	-0.03	19.3	2.17	-3	-6.7
LM5422	CREGGPARK MARCUS	4	€127	53	3	4	€129	51	5	5	2.5	76	7.1	53	2.6	0.01	21.8	1.89	0.1	1.0
LM4591	CROSS LIAM	10	€91	64	1	3	€126	57	5	5	4.3	97	9.7	78	4.7	-0.05	16.8	2.01	3.9	-0.2
HE5298	TOMSCHOICE IMPERIAL	6	€124	95	3	4	€122	82	5	5	6.8	99	13.5	97	1.6	-0.11	23.7	2.45	-1.9	-1.0
LM5602	TOMSCHOICE ONSLOW		€170	40	5	5	€112	37	4	5	4.2	63	13	38	2.2	-0.02	35.8	2.63	-0.2	1.9
LM2388	DIMOIWII	8	€113	88	2	4	€110	67	4	5	4.5	97	9.2	99	3.4	-0.04	20.6	1.87	4.5	3.3
LM6280	O MALLET PP	11	€104	37	1	3	€102	35	4	4	3.0	59	10.8	31	3.0	-0.02	15.9	1.70	0.8	-1.5
LM6313	JK PORTO PP	7	€111	36	2	4	€98	34	3	4	3.9	59	7.8	30	2.8	-0.05	19.2	1.65	-0.8	-0.1
LM4360	AHERLA K 7 Pp		€116	75	2	4	€94	55	3	4	4.2	93	10.1	87	1.0	-0.01	24	1.99	0.2	2.6
LM5608	NOOB	9	€133	42	4	5	€84	36	2	3	5.9	61	12.2	33	3.6	-0.05	23.4	2.87	0.6	1.4
LM5596	NESSY Pp	10	€64	42	1	2	€83	37	2	3	5.6	60	9.3	30	3.3	-0.06	8.3	1.40	1.9	-1.0
LM4058	LODGE HAMLET	8	€150	89	5	5	€66	77	1	2	3.8	98	8.2	94	3.2	0.01	25.2	2.82	-7.0	3.2
LM2206	ELITE ICE CREAM ET	6	€152	90	5	5	€62	75	1	2	7.3	99	14.1	81	6.4	-0.04	34.8	2.60	-2.6	4.9
OZS	OZEUS		€120	97	2	4	€26	98	1	1	3.9	99	10	99	4.0	-0.05	25.5	2.13	0.3	11.9

Progressive Genetics Active Simmental Bulls October 2020 Ranked by Replacement Index



Bull Details			Terminal Index			Replacement Index			Calving			Beef Traits			Other traits					
CODE	Name	Page	Terminal Index	Rel	within breed star	across breed star	Replace't Index	Rel	within breed star	across breed star	Beef Cow Calving	Cow Rel	Beef Heifer Calving	Heif Rel	Gestation length (days)	Dolcility (1-5 scale)	Carcass weight (kg)	Carcass conformation (Scale)	Dau Milk	Calving interval (days)
SI2152	CURAHEEN EARP	33	€100	96	5	3	€217	91	5	5	3.5	99	8.6	97	1.8	0.09	24.9	1.64	5.2	-9.3
SI2469	LISNACRANN FIFTY CENT	32	€76	96	3	2	€168	87	5	5	3.3	99	8.8	98	0.6	0.12	17.8	1.19	5.0	-3.4
SI4083	CLONAGH FROSTY KING ET	34	€113	94	5	4	€162	77	5	5	3.5	98	7.3	84	2.1	0.07	29.8	1.39	10.9	-0.5
SI4322	KICKHAMS HANDSOME	34	€92	82	4	3	€158	63	5	5	3.7	95	9.3	57	1.7	0.07	27.1	1.55	11.4	-2.5
SI4250	LIS-NA-RI GUCCI	32	€75	84	3	2	€155	64	5	5	2.6	95	7.5	76	2.4	0.09	17.4	1.65	8.4	-1.7
SI4350	RUBYJEN HERE'S JOHNNY		€82	69	4	3	€146	58	4	5	4.4	89	12.3	48	1.2	0.08	22.8	1.49	10.6	-1.4
SI4347	LEEHERD HARRY 286		€90	74	4	3	€122	58	3	5	3.0	89	6.0	52	2.6	0.04	24.2	1.56	9.4	1.0

Gazelle

Code: **ZAG**

Castlevue Gazelle

DOB: 24/12/11 HB No: LIMIRLM191567140634

Myostatin: +/- (2 F94L)



CALVING EASE
☒ EASY
☐ AVERAGE
☐ MATURE COWS ONLY



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€131	98% (V High)	★★★★★
★★★★★	Terminal Index	€126	97% (V High)	★★★★★
★★★★★	Dairy Beef Index	€106	98% (V High)	★★★★★

Expected Progeny Performance

Calving Difficulty	Beef Heifers (% 3&4)	8.1%	99% (V High)	
	Beef Cows (% 3&4)	3.4%	99% (V High)	45,898 Records (Beef)
★★★★★	Gestation Length (days)	4.0 d	99% (V High)	★★★★★
★★★★★	Docity (Scale)	-0.03	99% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	19.3 Kg	99% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	2.17 Scale	99% (V High)	★★★★★

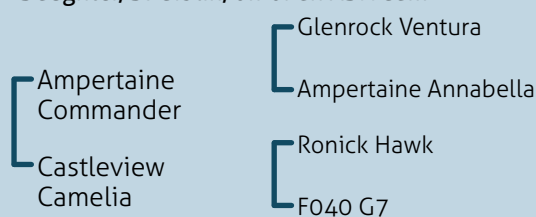
Expected Daughter Performance

	Daughter calv diff (% 3 & 4)	6.6 %	98% (V High)	
★★★★★	Daughter milk (kg)	-3.4 Kg	99% (V High)	★★★★★
★★★★★	Daughter calv interval (d)	-6.7 days	95% (V High)	★★★★★

- A legend, proven superior replacement & terminal sire
- No. 1 Limousin available for the fertility trait daughter calving interval
- Works best on tall, plain heifers and cows



Daughter, D. Giblin, off of an ADX dam



Marcus

Code: **LM5422**

Creggpark Marcus

DOB: 01/09/17 HB No: LIMIRLM214784630276

Myostatin: +/- (2 F94L)



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€129	51% (Average)	★★★★★
★★★★★	Terminal Index	€127	53% (Average)	★★★★★
★★★★★	Dairy Beef Index	€87	50% (Average)	★★★★★

Expected Progeny Performance

Calving Difficulty	Beef Heifers (% 3&4)	7.1%	53% (Average)	
	Beef Cows (% 3&4)	2.5%	76% (High)	0 Records (Beef)
★★★★★	Gestation Length (days)	2.6 d	46% (Average)	★★★★★
★★★★★	Docity (Scale)	0.01	58% (Average)	★★★★★
★★★★★	Carcass Weight (Kg)	21.8 Kg	53% (Average)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	1.89 Scale	48% (Average)	★★★★★

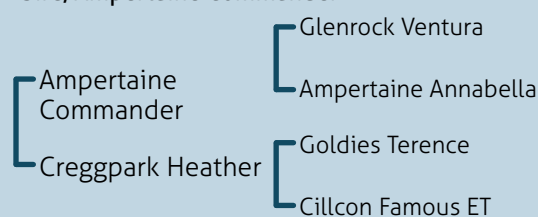
Expected Daughter Performance

	Daughter calv diff (% 3 & 4)	3.7 %	63% (High)	
★★★★★	Daughter milk (kg)	0.1 Kg	49% (Average)	★★★★★
★★★★★	Daughter calv interval (d)	1.0 days	44% (Average)	★★★★★

- A paternal brother of ZAG, with his MGD also by Ronick Hawk
- Looking forward to seeing his first calves hitting the ground



Sire, Ampertaine Commander





Limousin

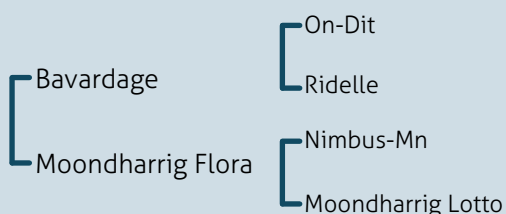


Star Rating (Within Breed)	Index ICBF, Oct '20 <small>Genotype Incl.</small>	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	Replacement Index	€166	68% (High)	★★★★★★
★★★★★	Terminal Index	€122	93% (V High)	★★★★★
★★★★★★	Dairy Beef Index	€104	93% (V High)	★★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	8.6%	99% (V High)	
	Beef Cows (% 3&4)	4.0%	99% (V High)	4,923 Records (Beef)
★★★★★	Gestation Length (days)	2.8 days	97% (V High)	★★★★★
★★★★★	Docility (Scale)	-0.11 Scale	99 % (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	20.1 Kg	96 % (V High))	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	2.05 Scale	94 % (V High))	★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	5.4 %	63 % (High)	
★★★★★★	Daughter milk (Kg)	5.7 Kg	53 % (Average)	★★★★★★
★★★★★★	Daughter calving interval (d)	-1.6 days	50 % (Average)	★★★★★★



Daughter, R. Brady, Cavan, LM2116 dam

- Easy calving, suitable for pedigree and commercial maidens
- Replacement index (€166), top 1% within & across all breeds
- Knell has all the attributes of a cow maker, milk, fertility and calving ability



Daughter, D & A McTernan, Sligo

Ice Cream

Code: LM2206

Elite Ice Cream ET

DOB: 20/12/13

HB No: LIMIRLM221062760982

Myostatin: Q204X/+ (1 F94L)



CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY



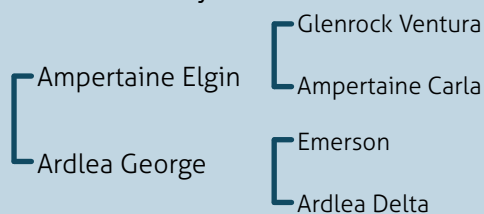
Limousin

Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€62	75% (High)	★★★★★
★★★★★	Terminal Index	€152	90% (V High)	★★★★★
★★★★★	Dairy Beef Index	€68	84% (V High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	14.1%	81% (V High)	
	Beef Cows (% 3&4)	7.3%	99% (V High)	2,160 Records (Beef)
★★★★★	Gestation Length (days)	6.4 d	99% (V High)	★★★★★
★★★★★	Docility (Scale)	-0.04	98% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	34.8 Kg	99% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	2.60 Scale	98% (V High)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	3.5 %	68 % (High)	
★★★★★	Daughter milk (kg)	-2.6 Kg	71 % (High)	★★★★★
★★★★★	Daughter calv interval (d)	4.9 days	49 % (Average)	★★★★★

- 5 star within breed for Carcass Weight, Conformation, Fat and Feed Intake
- Use to produce superior weanlings and finished cattle efficiently



Son, E & R Garvey, Cavan



Imperial

Code: LM2117

Tomschoice Imperial

DOB: 18/11/13

HB No: LIMGBRM00CJL13-0281

Myostatin: +/- (2 F94L)



CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€122	82% (V High)	★★★★★
★★★★★	Terminal Index	€124	95% (V High)	★★★★★
★★★★★	Dairy Beef Index	€56	84% (V High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	13.5%	97% (V High)	
	Beef Cows (% 3&4)	6.8%	99% (V High)	3,773 Records (Beef)
★★★★★	Gestation Length (days)	1.6 d	99% (V High)	★★★★★
★★★★★	Docility (Scale)	-0.11	99% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	23.7 Kg	99% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	2.45 Scale	99% (V High)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	3.5 %	75 % (High)	
★★★★★	Daughter milk (kg)	-1.9 Kg	83 % (V High)	★★★★★
★★★★★	Daughter calv interval (d)	-1.0 days	56 % (Average)	★★★★★

- Proven superior finishing sire
- Top 1% across all breeds for feed intake and Carass Conformation
- Top 1% of the LM breed on Gestation Length



Daughter, K. McGovern, Cavan, FSZ x Siam dam



JK Porto PP

Jk Porto PP
DOB:06/08/19

Code: **LM6313**
HB No: LU99707924

Myostatin: +/- (2 F94L)



Limousin

Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€98	34% (Low)	★★★★★
★★★★★	Terminal Index	€111	36% (Low)	★★★★★
★★★★★	Dairy Beef Index	€46	32% (Low)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	7.8%	30% (Low)	0 Records (Beef)
	Beef Cows (% 3&4)	3.9%	59% (Average)	
★★★★★	Gestation Length (days)	2.8 days	32% (Low)	★★★★★
★★★★★	Docility (Scale)	-0.05 Scale	31% (Low)	★★★★★
★★★★★	Carcass Weight (Kg)	19.2 Kg	33% (Low)	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	1.65 Scale	33% (Low)	★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	4.5 %	49 % (Average)	★★★★★
★★★★★	Daughter milk (Kg)	-0.8 Kg	33 % (Low)	
★★★★★	Daughter calving interval (d)	-0.1 days	31 % (Low)	

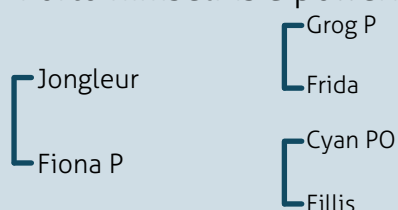


Lorenzo



GGSire, Clovis

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



Dimoiwii

Code: LM2388

Dimoiwii

DOB: 02/09/08

HB No: LIMFRAM004949411548

Myostatin: +/- (2 F94L)

CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY



REPLACEMENT



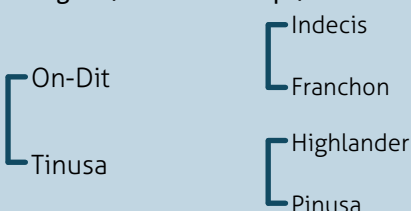
Limousin

Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€110	67% (High)	★★★★★
★★★★★	Terminal Index	€113	88% (V High)	★★★★★
★★★★★	Dairy Beef Index	€85	88% (V High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	9.2%	99% (V High)	2,877 Records (Beef)
	Beef Cows (% 3&4)	4.5%	97% (V High)	
★★★★★	Gestation Length (days)	3.4 d	99% (V High)	★★★★★
★★★★★	Dolality (Scale)	-0.04	99% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	21.6 Kg	94% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	1.87 Scale	92% (V High)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	4.6 %	64 % (High)	
★★★★★	Daughter milk (kg)	4.5 Kg	56 % (Average)	★★★★★
★★★★★	Daughter calv interval (d)	3.3 days	52 % (Average)	★★★★★

- Dimoiwii has become a favourite for use on strong maidens
- Progeny are well-balanced, nicely-muscled and quiet
- Dimoiwii transmits calving ease, milk & docility
- Pre-order for AI Service



Daughter, Peter McPhillips, Cavan



Hamlet

Code: LM4058

Lodge Hamlet

DOB: 15/03/12

HB No: LIMGBRM542928200346

Myostatin: nt821/+ (1 F94L)

CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY



WEANLING



FINISHING

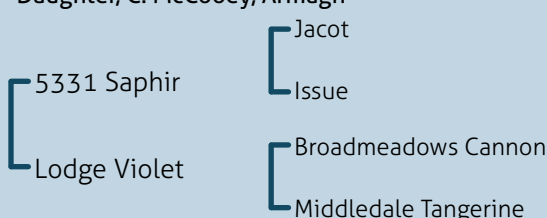


Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€66	77% (High)	★★★★★
★★★★★	Terminal Index	€150	89% (V High)	★★★★★
★★★★★	Dairy Beef Index	€111	77% (V High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	8.2%	94% (V High)	1,980 Records (Beef)
	Beef Cows (% 3&4)	3.8%	98% (V High)	
★★★★★	Gestation Length (days)	3.2 d	99% (V High)	★★★★★
★★★★★	Dolality (Scale)	0.01	98% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	25.2 Kg	97% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	2.82 Scale	96% (V High)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	6.3 %	73 % (High)	
★★★★★	Daughter milk (kg)	-7.0 Kg	78 % (High)	★★★★★
★★★★★	Daughter calv interval (d)	3.2 days	51 % (Average)	★★★★★

- A consistent producer of show quality animals, with the winning combination of style, muscle development & docility
- Hamlet is ranked in the top 1% within & across breed for Carcass Conformation at high reliability
- Pre-order for AI Service



Daughter, C. McCooey, Armagh



Noob

Noob
DOB:06/10/17

Code: **LM5608**
HB No: LIMFRAM003615228942

Myostatin: nt821/+ (1 F94L)

Proof
Pending



Limousin

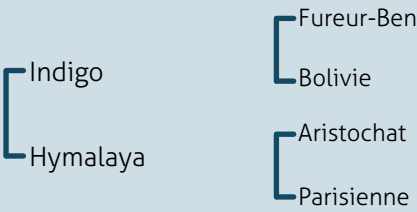


Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€84	36% (Low)	★★★★★
★★★★★	Terminal Index	€133	42% (Average)	★★★★★
★★★★★	Dairy Beef Index	€97	36% (Low)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	12.2%	33% (Low)	0 Records (Beef)
	Beef Cows (% 3&4)	5.9%	61% (High)	
★★★★★	Gestation Length (days)	3.6 days	33% (Low)	★★★★★
★★★★★	Docility (Scale)	-0.05 Scale	32 % (Low)	★★★★★
★★★★★	Carcass Weight (Kg)	23.4 Kg	42 % (Average)	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	2.87 Scale	39 % (Low)	★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	6.7 %	50 % (Average)	
★★★★★	Daughter milk (Kg)	0.6 Kg	32 % (Low)	★★★★★
★★★★★	Daughter calving interval (d)	1.4 days	32 % (Low)	★★★★★



GGSire Sablier

- Noob is an excellent quality bull with exceptional muscle development
- Noob comes from the same herd in France as Rocky ROX
- His genomic proof ranks him in the top 1% of the Limousin breed for Carcass Conformation



Paternal sister to MGD Parisienne

Liam

Code: **LM4591**

Cross Liam

DOB:17/05/16

HB No: LIMIRLM272344010372

Myostatin: +/- (2 F94L)

CALVING EASE
EASY
AVERAGE
MATURE
COWS ONLY

Proof
Pending

Limousin

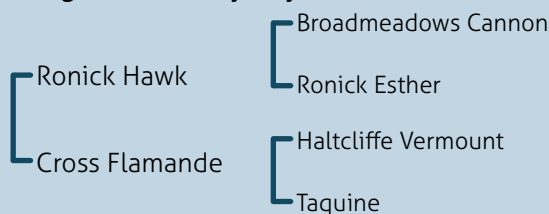


Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€126	57% (Average)	★★★★★
★★★☆☆	Terminal Index	€91	64% (High)	★★★★★
★★★☆☆	Dairy Beef Index	€46	58% (Average)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	9.7%	78% (High)	
	Beef Cows (% 3&4)	4.3%	97% (V High)	745 Records (Beef)
★★★★★	Gestation Length (days)	4.7 d	97% (V High)	★★★★★
★★★★★	Docity (Scale)	-0.05	85% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	16.8 Kg	58% (Average)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	2.01 Scale	50% (Average)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	5.7 %	63 % (High)	
★★★★★	Daughter milk (kg)	3.9 Kg	49 % (Average)	★★★★★
★★★★★	Daughter calv interval (d)	-0.2 days	47 % (Average)	★★★★★

- Liam's first calves have impressed
- Liam was selected for his maternal traits & phenotype
- A high milk pedigree; Ronick Hawk from a milky Vermont dam



Daughter, A. Doherty, Mayo



Nessy Pp

Code: **LM5596**

Nessy Pp

DOB:07/09/17

HB No: LIMFRAM008724331761

Myostatin: +/- (2 F94L)

Test

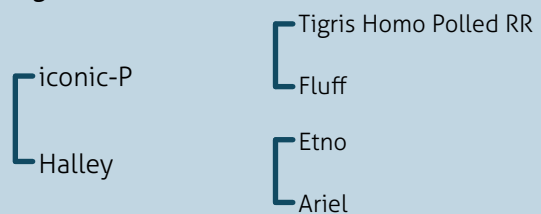


Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★☆☆	Replacement Index	€83	37% (Low)	★★★★★
★★★☆☆	Terminal Index	€64	42% (Average)	★★★★★
★★★☆☆	Dairy Beef Index	€16	36% (Low)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	9.3%	30% (Low)	
	Beef Cows (% 3&4)	5.6%	60% (High)	0 Records (Beef)
★★★★★	Gestation Length (days)	3.3 d	33 % (Low)	★★★★★
★★★★★	Docity (Scale)	-0.06	33 % (Low)	★★★★★
★★★★★	Carcass Weight (Kg)	8.3 Kg	43 % (Average)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	1.44 Scale	40 % (Average)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	4.4 %	48 % (Average)	
★★★★★	Daughter milk (kg)	1.9 Kg	32 % (Low)	★★★★★
★★★★★	Daughter calv interval (d)	-1.0 days	31 % (Low)	★★★★★

- Nessy is heterozygous polled from a proven cow family
- His grandsire Tigris is recognised as one of the best polled Limousin sires
- An outcross pedigree



Tigris, Paternal Grandsire



O Mallet PP

O Mallet PP
DOB:11/03/18

Code: **LM6280**
HB No: LIMFRAM00242668384

Myostatin: +/- (2 F94L)



Limousin

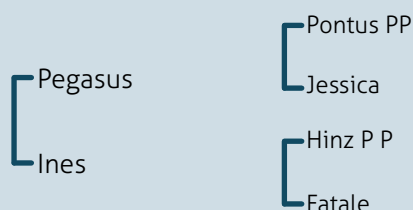


Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€102	35% (Low)	★★★★★
★★★☆☆	Terminal Index	€106	37% (Low)	★★★★★
★★★☆☆	Dairy Beef Index	€74	32% (Low)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	10.8%	31% (Low)	0 Records (Beef)
	Beef Cows (% 3&4)	3.0%	59% (Average)	
★★★★★	Gestation Length (days)	3.0 days	33% (Low)	★★★★★
★★★★★	Docility (Scale)	-0.02 Scale	33 % (Low)	★★★★★
★★★☆☆	Carcass Weight (Kg)	15.9 Kg	33 % (Low)	★★★★★
★★★☆☆	Carcass Conf. (Scale 1-15)	1.70 Scale	33 % (Low)	★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	5.5 %	48 % (Average)	
★★★★★	Daughter milk (Kg)	0.8 Kg	33 % (Low)	★★★★★
★★★★★	Daughter calving interval (d)	-1.5 days	31 % (Low)	★★★★★



MGS, Hinz PP

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



Hinz daughter

Ludwig

Goldstar Ludwig
DOB: 17/10/15

Code: **CH4251**
HB No: CHAIRLM331457440370

Myostatin: +/-



WEANLING



FINISHING

CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY

Charolais



Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€71	66% (High)	★★★★★
★★★★★	Terminal Index	€129	87% (V High)	★★★★★
★★★★★	Dairy Beef Index	€3	68% (High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	11.4%	67% (High)	
	Beef Cows (% 3&4)	7.0%	98% (V High)	1,440 Records (Beef)
★★★★★	Gestation Length (days)	2.0 days	98% (V High)	★★★★★
★★★★★	Docility (Scale)	0.07 Scale	97% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	36.4 Kg	93% (V High)	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	1.89 Scale	91% (V High)	★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	5.4%	63% (High)	
★★★★★	Daughter milk (Kg)	-2.1 Kg	50% (Average)	★★★★★
★★★★★	Daughter calving interval (d)	-2.0 days	52% (Average)	★★★★★



Daughter, D & A McTernan, Sligo

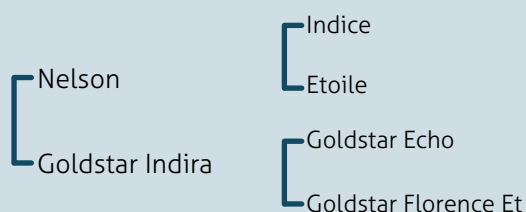


Son, J. Thompson, Donegal



Dam,
Goldstar
Indira

- Ludwig progeny are well-balanced and stylish
- Excellent legs and feet; Functionality Index 126
- His maternal brother, was Junior Champion at the 2018 Christmas Cracker, selling for €8,800





WEANLING



FINISHING



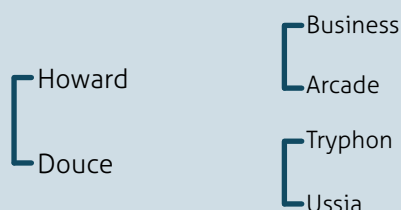
Charolais

Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	Replacement Index	€121	50% (Average)	★★★★★★
★★★★★★	Terminal Index	€167	69% (High)	★★★★★★
★★★★★★	Dairy Beef Index	€91	62% (High)	★★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	9.5%	65% (High)	
	Beef Cows (% 3&4)	4.8%	96% (V High)	724 Records (Beef)
★★★★★★	Gestation Length (days)	1.8 days	97% (V High)	★★★★★★
★★★★★★	Docility (Scale)	0.10 Scale	91 % (V High)	★★★★★★
★★★★★★	Carcass Weight (Kg)	42.8 Kg	69 % (High)	★★★★★★
★★★★★★	Carcass Conf. (Scale 1-15)	2.19 Scale	60 % (High)	★★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	5.8 %	49 % (Average)	
★★★★★★	Daughter milk (Kg)	2.9 Kg	37 % (Low)	★★★★★★
★★★☆☆	Daughter calving interval (d)	-0.6 days	36 % (Low)	★★★☆☆



Daughter, Ocathan Paula 4

- Easy calving Charolais, suitable for pedigree maidens
- A complete bull, weight, shape and correctness
- Progeny are exceptionally quiet
- Outcross pedigree



Son, C. Doyle (dam is a CH x AU)

Fiston

Code: **FSZ**

Fiston
DOB: 20/09/10 HB No: CHAFRAM004241615681
Myostatin: Q204X/+



CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY

Charolais



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€132	97% (V High)	★★★★★
★★★★★	Terminal Index	€158	96% (V High)	★★★★★
★★★★★	Dairy Beef Index	€62	93% (V High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3 & 4)	10.2%	98% (V High)	
	Beef Cows (% 3 & 4)	5.7%	99% (V High)	47,468 Records (Beef)
★★★★★	Gestation Length (days)	3.7 d	99% (V High)	★★★★★
★★★★★	Docility (Scale)	0.08	99% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	40.5 Kg	99% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	2.31 Scale	99% (V High)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	4.8 %	98% (V High)	
★★★★★	Daughter milk (kg)	-3.0 Kg	99% (V High)	★★★★★
★★★★★	Daughter calv interval (d)	-4.9 days	94% (V High)	★★★★★

- A living legend!
- 5.7% calving on beef cows with nearly 50,000 records
- Top 1% of all breeds for Carcass Weight, Conformation & Fat
- Avoid on heavily muscled females



Daughter, The Coen Family, Mayo



Oran

Code: **CH6310**

Glera Oran
DOB: 08/08/18 HB No: CHAIRLM22540930147
Myostatin: +/- (1 F94L)

Test



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€88	50% (Average)	★★★★★
★★★★★	Terminal Index	€149	53% (Average)	★★★★★
★★★★★	Dairy Beef Index	-€15	50% (Average)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3 & 4)	8.9 %	49% (Average)	
	Beef Cows (% 3 & 4)	5.6 %	74% (High)	0 Records (Beef)
★★★★★	Gestation Length (days)	3.6 d	46% (Average)	★★★★★
★★★★★	Docility (Scale)	0.00	48% (Average)	★★★★★
★★★★★	Carcass Weight (Kg)	42.2 Kg	54% (Average)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	1.97 Scale	46% (Average)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	2.9 %	62% (High)	
★★★★★	Daughter milk (kg)	-4.7 Kg	48% (Average)	★★★★★
★★★★★	Daughter calv interval (d)	-3.3 days	45% (Average)	★★★★★

- A terrific Cavelands Fenian son
- Intermediate Champion at the 2019 Christmas Cracker
- Oran comes from a proven dam line, the reserve intermediate champion at the 2019 Christmas Cracker came from the same family



Sire, Cavelands Fenian





Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★☆☆	Replacement Index	€51	67% (High)	★★★★★☆☆
★★★★★☆☆	Terminal Index	€143	89% (V High)	★★★★★☆☆
★★★★★☆☆	Dairy Beef Index	-€3	75% (High)	★★★★★☆☆
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	17.2%	59% (Average)	
	Beef Cows (% 3&4)	9.5%	98% (V High)	1,648 Records (Beef)
★★★★★☆☆	Gestation Length (days)	1.9 days	98% (V High)	★★★★★☆☆
★★★★★☆☆	Docility (Scale)	0.04 Scale	98 % (V High)	★★★★★☆☆
★★★★★☆☆	Carcass Weight (Kg)	39.1 Kg	94 % (V High)	★★★★★☆☆
★★★★★☆☆	Carcass Conf. (Scale 1-15)	2.15 Scale	93 % (V High)	★★★★★☆☆
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	5.2 %	66 % (High)	
★★★★★☆☆	Daughter milk (Kg)	-3.5 Kg	49 % (Average)	★★★★★☆☆
★★★★★☆☆	Daughter calving interval (d)	-0.5 days	54 % (Average)	★★★★★☆☆

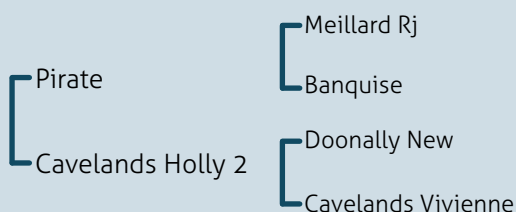


Daughter, J. O'Donnell, Donegal



Daughter, R. Lyons, Longford

- A must for finishers
- Ranked in the top 2% of the Charolais breed on feed efficiency, progeny are superior converters of feed kgs to carcass kgs
- Use on mature cows only



Mischief

Code: CH4637

Clenagh Mischief 2 ET

DOB: 03/10/16

HB No: CHAIRLM131188150518

Myostatin: Q204x/Q204x

CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	-€58	57% (Average)	★★★★★
★★★★★	Terminal Index	€145	63% (High)	★★★★★
★★★★★	Dairy Beef Index	€11	56% (Average)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3 & 4)	17.9%	54% (Average)	229 Records (Beef)
	Beef Cows (% 3 & 4)	13.3%	94% (V High)	
★★★★★	Gestation Length (days)	3.0 d	89% (V High)	★★★★★
★★★★★	Docility (Scale)	0.19	78% (High)	★★★★★
★★★★★	Carcass Weight (Kg)	45.4 Kg	60% (High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	2.45 Scale	54% (Average)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	7.4 %	66% (High)	
★★★★★	Daughter milk (kg)	-7.1 Kg	49% (Average)	★★★★★
★★★★★	Daughter calv interval (d)	4.4 days	49% (Average)	★★★★★

- An exceptional weanling producer
- Top 1% of Charolais' for Carcass Conformation
- A homozygous myostatin carrier; he carries two copies of the Q204x gene
- Use on mature cows only



Daughter, S & E Nixon, Overall Champion Carrigallen Show & Sale, January 2020 born sold for €2,000



Jason

Code: CH4082

Firoda Jason

DOB: 12/12/14

HB No: CHAIRLM211179670649

Myostatin: +/- (1 F94L)

CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY

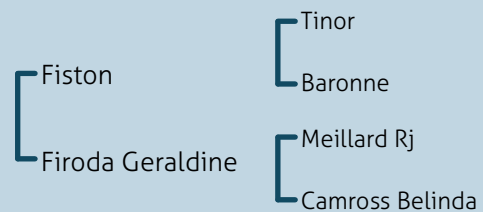


Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€121	71% (High)	★★★★★
★★★★★	Terminal Index	€143	92% (V High)	★★★★★
★★★★★	Dairy Beef Index	-€79	74% (High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3 & 4)	16.6 %	61% (High)	1,603 Records (Beef)
	Beef Cows (% 3 & 4)	9.4%	98% (V High)	
★★★★★	Gestation Length (days)	3.5 d	98% (V High)	★★★★★
★★★★★	Docility (Scale)	0.13	98% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	40.8 Kg	97% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	2.29 Scale	97% (V High)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	2.4 %	66% (High)	
★★★★★	Daughter milk (kg)	-4.9 Kg	58% (Average)	★★★★★
★★★★★	Daughter calv interval (d)	-4.6 days	54% (Average)	★★★★★

- Jason is a super cross on small cows - he will improve performance, skeletal development & shape
- Five star on feed efficiency
- An excellent choice for finishers



Daughter, B. Nolan, Kilkenny



Demon PP

Agrochyt Demon PP
DOB:09/09/17

Code: **CH5482**

HB No: CZ391000012088064

Myostatin: +/-

Proof
Pending



Charolais

Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€47	35% (Low)	★★★★★
★★★★★	Terminal Index	€85	37% (Low)	★★★★★
★★★★★	Dairy Beef Index	-€37	32% (Low)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	12.3 %	28% (Low)	2 Records (Beef)
	Beef Cows (% 3&4)	7.6%	63% (High)	
★★★★★	Gestation Length (days)	3.0 days	31% (Low)	★★★★★
★★★★★	Docility (Scale)	-0.01 Scale	30 % (Low)	★★★★★
★★★★★	Carcass Weight (Kg)	21.9 Kg	34 % (Low)	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	1.52 Scale	34 % (Low)	★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	5.5 %	47 % (Average)	
★★★★★	Daughter milk (Kg)	-1.2 Kg	33 % (Low)	★★★★★
★★★★★	Daughter calving interval (d)	-1.2 days	30 % (Low)	★★★★★



Japon daughter



MGS, Unico SC

- Homozygous polled - all the progeny will be polled
- Champion at the National Show in his home country Czech Republic in 2018.
- Junior Champion Simagena Show in Paris 2019
- Demon is a long, correct bull from an excellent family



Liseron

Code: CH4320

CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY

Liseron

DOB: 03/09/15

HB No: CHAFRAM008907595411

Myostatin: +/-

Charolais

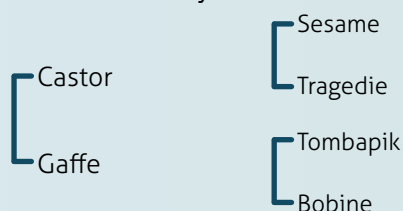


Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€85	57% (Average)	★★★★★
★★★★★	Terminal Index	€111	80 % (V High)	★★★★★
★★★★★	Dairy Beef Index	€39	64% (High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3 & 4)	13.5%	68% (High)	
	Beef Cows (% 3 & 4)	7.2%	98% (V High)	1,100 Records (Beef)
★★★★★	Gestation Length (days)	2.7 d	98 % (V High)	★★★★★
★★★★★	Docity (Scale)	-0.03	96 % (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	33.1 Kg	75 % (High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	1.92 Scale	69 % (High)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	3.2 %	52 % (Average)	
★★★★★	Daughter milk (kg)	3.2 Kg	43 % (Average)	★★★★★
★★★★★	Daughter calv interval (d)	-1.2 days	41 % (Average)	★★★★★

- His pedigree is a sire stack of proven superior maternal sires; Castor, Tombapik and Populaire
- We look forward to his first daughters calving down



Son, E & R Garvey, Cavan. Dam FWO x PTE



Neron Pp

Code: CH6175

Neron Pp

DOB: 24/10/17

HB No: CHAFRAM002138511700

Myostatin: +/-

Proof Pending

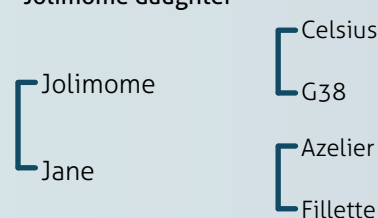


Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€70	34% (Low)	★★★★★
★★★★★	Terminal Index	€110	36% (Low)	★★★★★
★★★★★	Dairy Beef Index	-€23	31% (Low)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3 & 4)	13.0%	28% (Low)	
	Beef Cows (% 3 & 4)	6.4%	60% (High)	0 Records (Beef)
★★★★★	Gestation Length (days)	1.8 d	31 % (High)	★★★★★
★★★★★	Docity (Scale)	0.05	31 % (Low)	★★★★★
★★★★★	Carcass Weight (Kg)	28.9 Kg	32 % (Low)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	1.64 Scale	32 % (Low)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	4.1 %	48 % (Average)	
★★★★★	Daughter milk (kg)	-1.6 Kg	33 % (Low)	★★★★★
★★★★★	Daughter calv interval (d)	-2.2 days	31 % (Low)	★★★★★

- Neron is an impressive, super quality polled bull with great temperament
- Big, long, powerful, well-muscled bull
- Excellent legs & feet
- A top performer in a French test centre



Jolimome daughter



Orbi

Code: CH6490

Orbi

DOB:17/09/18

HB No: CHAFRAM007122079738

Myostatin: Q204X/+

Test



Omega

Code: CH6493

Omega

DOB:21/10/18

HB No: CHAFRAM007122259390

Myostatin: Q204X/+

Test



Epernay: Sire of Omega

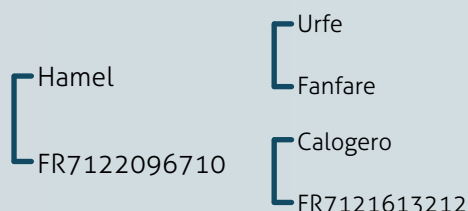
Charolais

Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
na	Replacement Index	€	%	na
na	Terminal Index	€	%	na
na	Dairy Beef Index	€	%	na
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	%	%	
	Beef Cows (% 3&4)	%	%	0 Records (Beef)
	Gestation Length (days)	d	%	
★★★★★	Docity (Scale)	0.05	12 % (V Low)	★★★★★
★★★★★	Carcass Weight (Kg)	35.4 Kg	20 % (V Low)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	1.18 Scale	19 % (V Low)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	%	%	
★★★★★	Daughter milk (kg)	1.6 Kg	42 % (V Low)	★★★★★
★★★★★	Daughter calv interval (d)	-1.3 days	10 % (V Low)	★★★★★

- An exciting good looking new sire bred for calving ease and growth
- His pedigree boasts a sire stack of proven easy calving high performance sires
- Orbi is a high performing French test centre graduate



Sire, Hamel

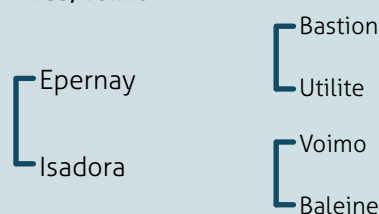


Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€88	18 % (V Low)	★★★★★
★★★★★	Terminal Index	€112	19 % (V Low)	★★★★★
★★★★★	Dairy Beef Index	€7	14 % (V Low)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	13.6%	12% (V Low)	
	Beef Cows (% 3&4)	6.2%	23% (V Low)	0 Records (Beef)
★★★★★	Gestation Length (days)	1.4 d	14 % (V Low)	★★★★★
★★★★★	Docity (Scale)	0.04	14 % (V Low)	★★★★★
★★★★★	Carcass Weight (Kg)	34.0 Kg	21 % (Low)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	1.33 Scale	21 % (Low)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	3.8 %	16 % (V Low)	
★★★★★	Daughter milk (kg)	3.5 Kg	21 % (Low)	★★★★★
★★★★★	Daughter calv interval (d)	-1.6 days	11 % (V Low)	★★★★★

- Omega is an exciting new bull sired by Epernay (pictured)
- Performance tested in France, 2nd highest ADG kg/day in group
- Omega has a sire stack of proven bulls; Epernay, Voimo & Laurel



MGS, Voimo

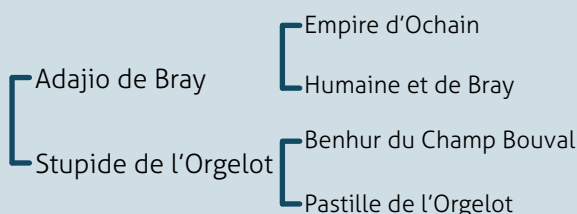




Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€83	45% (Average)	★★★★★
★★★☆☆	Terminal Index	€102	48% (Average)	★★★★★
★★★★★	Dairy Beef Index	€45	43% (Average)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	22.7%	45% (Average)	5 Records (Beef)
	Beef Cows (% 3&4)	11.5%	71% (High)	
★★★★★	Gestation Length (days)	0.3 days	56% (Average)	★★★★★
★★★★★	Docility (Scale)	0.20 Scale	43 % (Average)	★★★★★
★★★☆☆	Carcass Weight (Kg)	25.2 Kg	43 % (Average)	★★★★★
★★★☆☆	Carcass Conf. (Scale 1-15)	2.54 Scale	43 % (Average)	★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	9.4 %	59 % (Average)	
★★★★★	Daughter milk (Kg)	5.6 Kg	43 % (Average)	★★★★★
★★★★★	Daughter calving interval (d)	1.5 days	41 % (Average)	★★★★★



- Huge satisfaction with the first crop of Nox progeny; exceptional quality & shape
- Same level of calving as his sire Adajio with shorter gestations
- A must for weanling producers seeking quality



Daughter, M. Fogarty, Wicklow, dam is a FTY x ONI

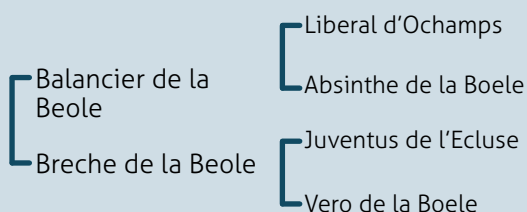


Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€59	40% (Average)	★★★★★
★★★★★	Terminal Index	€105	48% (Average)	★★★★★
★★★★★	Dairy Beef Index	€18	44% (Average)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	20.7%	32% (Low)	
	Beef Cows (% 3&4)	9.6%	86% (V High)	96 Records (Beef)
★★★★★	Gestation Length (days)	0.7 days	85% (V High)	★★★★★
★★★★★	Docility (Scale)	0.21 Scale	63 % (High)	★★★★★
★★★★★	Carcass Weight (Kg)	25.7 Kg	42 % (Average)	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	2.35 Scale	34 % (Low)	★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	9.7 %	49 % (Average)	
★★★★★	Daughter milk (Kg)	6.6 Kg	30 % (Low)	★★★★★
★★★★★	Daughter calving interval (d)	4.2 days	32 % (Low)	★★★★★



Daughter, T & T Kennedy, Sligo

- A proven Belgian Blue sire from Belgium
- Delure has an excellent index in Belgium for Calving Ease, Weight and Shape
- Similar calving to Sultan STQ
- Delure himself, is a long, correct, heavy, well-muscled bull



Dam, Breche de la Beole

Folon

Code: FSN

Folon de Cras Avernas

DOB: 03/10/10

HB No: BBLBELM000826472628

Myostatin: nt821/nt821

CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€73	69% (High)	★★★★★
★★★☆☆	Terminal Index	€128	87% (V High)	★★★★★
★★★☆☆	Dairy Beef Index	-€15	82% (V High)	★★★★★

Expected Progeny Performance

Calving Difficulty	Beef Heifers (% 3 & 4)	23.2%	61% (High)	
	Beef Cows (% 3 & 4)	10.5%	97% (V High)	720 Records (Beef)
★★★★★	Gestation Length (days)	1.9 d	98% (V High)	★★★★★
★★★★★	Dolcility (Scale)	0.21	96% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	28.5 Kg	95% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	2.88 Scale	94% (V High)	★★★★★

Expected Daughter Performance

	Daughter calv diff (% 3 & 4)	13.2 %	64 % (High)	
★★★★★	Daughter milk (kg)	4.9 Kg	63 % (High)	★★★★★
★★★★★	Daughter calv interval (d)	4.4 days	46 % (Average)	★★★★★

- High level of farmer satisfaction with Folon progeny
- Consistent producer of superior weanlings
- Proven terminal sire; top 1% across all breeds for Carcass Conformation, top 7% for Carcass Weight



Son, E. Curtin, AHZ dam



Jagerbomb

Code: BB4324

Boroside Jagerbomb ET

DOB: 24/09/15

HB No: BBLIRLM371479941376

Myostatin: nt821/nt821

CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€87	52% (Average)	★★★★★
★★★☆☆	Terminal Index	€134	67% (High)	★★★★★
★★★★★	Dairy Beef Index	€39	73% (High)	★★★★★

Expected Progeny Performance

Calving Difficulty	Beef Heifers (% 3 & 4)	16.1%	44% (Average)	
	Beef Cows (% 3 & 4)	9.9%	88% (V High)	109 Records (Beef)
★★★★★	Gestation Length (days)	0.1 d	97% (V High)	★★★★★
★★★★★	Dolcility (Scale)	0.18	76% (High)	★★★★★
★★★★★	Carcass Weight (Kg)	28.6Kg	71% (High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	2.76 Scale	61% (High)	★★★★★

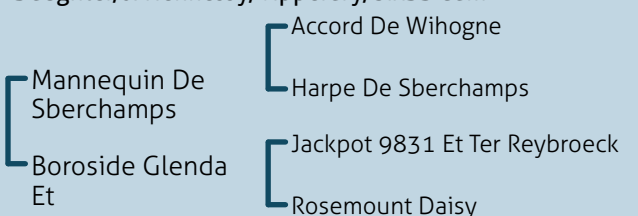
Expected Daughter Performance

	Daughter calv diff (% 3 & 4)	9.1 %	53 % (Average)	
★★★★★	Daughter milk (kg)	4.3 Kg	36 % (Low)	★★★★★
★★★★★	Daughter calv interval (d)	4.7 days	37 % (Low)	★★★★★

- Jagerbomb is in the top 3% across breeds for Gestation Length
- Ranked in the top 6% across breeds for Carcass Weight & in the top 1% for Carcass Conformation



Daughter, J. Hennessy, Tipperary, SlxBB dam



Patissier

Patissier de la Grande Rose
DOB:08/01/13

Code: PPS
HB No: BBLBELM000157358692

Myostatin: nt821/nt821



CALVING EASE

- ☒ EASY
- ☒ AVERAGE
- ☒ MATURE COWS ONLY



Belgian Blue

Star Rating (Within Breed)	Index ICBF, Oct '20 <small>Genotype Incl.</small>	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€33	79% (High)	★★★★★
★★★★★	Terminal Index	€121	87% (V High)	★★★★★
★★★★★	Dairy Beef Index	-€49	91% (V High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	24.2%	64% (High)	
	Beef Cows (% 3&4)	13.5%	90% (V High)	147 Records (Beef)
★★★★★	Gestation Length (days)	2.4 days	99% (V High)	★★★★★
★★★★★	Docility (Scale)	0.23 Scale	86 % (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	30.4 Kg	99 % (V High)	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	2.70 Scale	99 % (V High)	★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	10.5 %	74 % (High)	
★★★★★	Daughter milk (Kg)	2.1 Kg	82 % (V High)	★★★★★
★★★★★	Daughter calving interval (d)	7.1 days	55 % (Average)	★★★★★

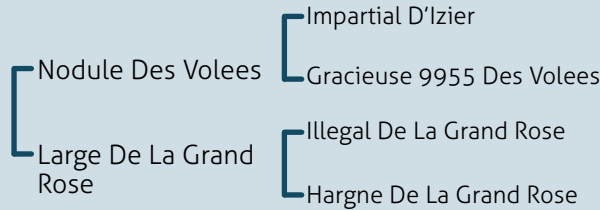


Son, P. McPhillips, Cavan



Son, P. McPhillips, Cavan

- Currently Patissier is ranked in the top 3% for Feed Intake across breeds
- Patissier progeny are docile, ranking in the top 1% across breeds
- Patissier is a red carrier



Farghal

HW Farghal T516
DOB:17/04/17

Code: **AA4640**
HB No: AANGBRM546977401516

Myostatin: +/-



WEANLING



FINISHING

CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY

Aberdeen Angus



Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	Replacement Index	€126	47% (Average)	★★★★★★
★★★★★★	Terminal Index	€89	58% (Average)	★★★★★★
★★★★★★	Dairy Beef Index	€86	72% (High)	★★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	5.5%	83% (V High)	
	Beef Cows (% 3&4)	2.4%	91% (V High)	62 Records (Beef)
★★★★★★	Gestation Length (days)	-0.6 days	99% (V High)	★★★★★★
★★★★★★	Docility (Scale)	0.10 Scale	79 % (High)	★★★★★★
★★★★★★	Carcass Weight (Kg)	14.6 Kg	53 % (Average)	★★★★★★
★★★★★★	Carcass Conf. (Scale 1-15)	0.66 Scale	40 % (Average)	★★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	7.2 %	53 % (Average)	
★★★★★★	Daughter milk (kg)	12.0 Kg	37 % (Low)	★★★★★★
★★★★★★	Daughter calving interval (d)	-2.9 days	34 % (Low)	★★★★★★

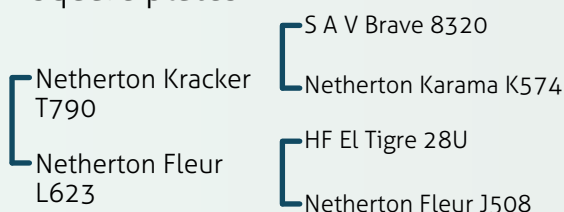


Sire, Netherton Kracker



Son, Deelish Sniper

- Farghal is making his mark as a breeder of quality commercial & pedigree cattle
- Progeny are average in size with excellent thickness & breed character
- Farghal progeny consistently exhibit excellent wide square plates



Matteo

Code: AA4089

CALVING EASE
☒ EASY
☐ AVERAGE
☐ MATURE COWS ONLY

Intelagri Matteo E.T. (ET)

DOB: 31/05/15

HB No: AANIRLM201083280080

Myostatin: +/-

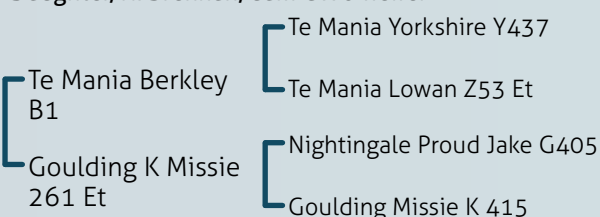


Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€143	65% (High)	★★★★★
★★★★★	Terminal Index	€76	92% (V High)	★★★★★
★★★★★	Dairy Beef Index	€104	95% (V High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	4.3%	95% (V High)	837 Records (Beef)
	Beef Cows (% 3&4)	1.7%	95% (V High)	
★★★★★	Gestation Length (days)	-3.9 d	99% (V High)	★★★★★
★★★★★	Docity (Scale)	0.01	93% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	5.6 Kg	97% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	0.72 Scale	96% (V High)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	7.4 %	60 % (High)	
★★★★★	Daughter milk (kg)	9.3 Kg	48 % (Average)	★★★★★
★★★★★	Daughter calv interval (d)	-5.5 days	46 % (Average)	★★★★★

- An easy calving & short gestation sire, suitable for pedigree & commercial maidens
- Recommended to pedigree breeders to sire bulls for the dairy herd



Daughter, N. Brennan, dam GWO heifer



Maverick

Code: AA4088

CALVING EASE
☒ EASY
☐ AVERAGE
☐ MATURE COWS ONLY

Intelagri Maverick E.T. (ET)

DOB: 31/05/15

HB No: AANIRLM201083240077

Myostatin: +/-

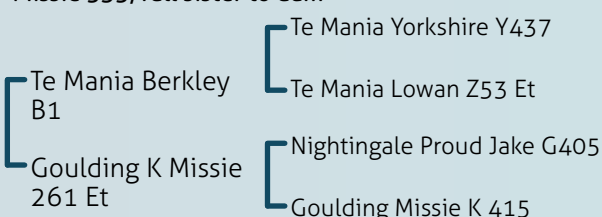


Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€147	65% (High)	★★★★★
★★★★★	Terminal Index	€87	91% (V High)	★★★★★
★★★★★	Dairy Beef Index	€103	95% (V High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	5.5%	91% (V High)	443 Records (Beef)
	Beef Cows (% 3&4)	1.6%	92% (V High)	
★★★★★	Gestation Length (days)	-3.3 d	99% (V High)	★★★★★
★★★★★	Docity (Scale)	0.08	92% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	6.2 Kg	97% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	0.63 Scale	97% (V High)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	6.1 %	60 % (High)	
★★★★★	Daughter milk (kg)	8.4 Kg	46 % (Average)	★★★★★
★★★★★	Daughter calv interval (d)	-5.3 days	46 % (Average)	★★★★★

- Excellent docility
- Easy calving and short gestation, suitable for pedigree and commercial maidens
- Recommended to pedigree breeders to sire bulls for the dairy herd



Missie 535, full sister to dam



Man Oh Man

Code: AA4087

Goulding Man Oh Man

DOB:14/03/15

HB No: AANIRLM191198950688

Myostatin: nt821/+



CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY



Aberdeen Angus

Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€93	70% (High)	★★★★★
★★★★★	Terminal Index	€87	92% (V High)	★★★★★
★★★★★	Dairy Beef Index	€42	93% (V High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	11.2%	87% (V High)	
	Beef Cows (% 3&4)	4.5%	97% (V High)	1,035 Records (Beef)
★★★★★	Gestation Length (days)	1.4 d	99% (V High)	★★★★★
★★★★★	Docility (Scale)	0.05	96% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	21.3 Kg	98% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	1.02 Scale	97% (V High)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	6.3 %	62 % (High)	
★★★★★	Daughter milk (kg)	2.7 Kg	57 % (Average)	★★★★★
★★★★★	Daughter calv interval (d)	-4.2 days	47 % (Average)	★★★★★

- Man Oh Man is a must for finishers of Angus cattle
- Exceptional weight gain & shape - top 2% of the Angus breed for Carcass Weight & Carcass Conformation
- Carrier of the double muscle (myostatin) gene



Son

- Abborton Dazzle G160
- Abborton Eminem M285
- Goulding Graceful Patriot Et
- Abborton Erica H187
- Goulding Extra Et
- Darima Patriot Z082

Powys

Code: AA4323

Treebridge Powys S589

DOB:27/03/16

HB No: AANGBRM122793400589

Myostatin: nt821/+

CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€85	50% (Average)	★★★★★
★★★★★	Terminal Index	€70	64% (High)	★★★★★
★★★★★	Dairy Beef Index	€38	79% (High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	12.4%	75% (High)	
	Beef Cows (% 3&4)	4.5%	89% (V High)	209 Records (Beef)
★★★★★	Gestation Length (days)	0.1 d	99% (V High)	★★★★★
★★★★★	Docility (Scale)	0.02	86% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	14.6 Kg	68% (High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	0.86 Scale	57% (Average)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	6.1 %	54 % (Average)	
★★★★★	Daughter milk (kg)	7.3 Kg	40 % (Average)	★★★★★
★★★★★	Daughter calv interval (d)	-2.0 days	38 % (Low)	★★★★★

- Powys transmits excellent muscle development to his progeny
- 5 star for Carcass Weight & Carcass Conformation
- Carrier of the double muscle (myostatin) gene



Son, Lismacool Samson, Irish Angus All-Ireland Bull Calf 2019

- Young Dale Hogan
- Abborton Dazzle G160
- Tree Bridge Polly Perkins K281
- Abborton Duchess Lulu E112
- Chapelton Dark Mahmoud E826
- Tree Bridge Polly Perkins F144

Master

St Aodain L Master
DOB:21/03/14

Code: **AA2309**
HB No: AANIRLM311452940296

Myostatin: +/+



CALVING EASE
EASY
AVERAGE
MATURE
COWS ONLY



Aberdeen Angus



Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€86	74% (High)	★★★★★
★★★★★	Terminal Index	€67	90% (V High)	★★★★★
★★★★★	Dairy Beef Index	€56	94% (V High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	7.6%	81% (V High)	
	Beef Cows (% 3&4)	2.5%	86% (V High)	129 Records (Beef)
★★★★★	Gestation Length (days)	-0.2 days	99% (V High)	★★★★★
★★★★★	Docility (Scale)	0.02 Scale	83 % (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	12.5 Kg	99 % (V High)	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	0.82 Scale	98 % (V High)	★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	8.4 %	73 % (High)	
★★★★★	Daughter milk (Kg)	3.9 Kg	66 % (High)	★★★★★
★★★★★	Daughter calving interval (d)	-7.1 days	57 % (Average)	★★★★★



Daughter



Sire, KYA

- Master has proven himself as a high performance Angus
- 5 Star for Carcass Conformation at 98% reliability
- Pedigree; KYA x DVE x MOD x KJE
- A must for finishers of Angus cattle

Cornamuckla Lord Hardy K222
 St Aodain Freda
 Cartronroe Ernie
 Drumcrow Lady Hilda
 Drumdeevin Dancer
 St Aodain Amy

Code: **AA5280**

Coolrain Patriarch

DOB:20/08/17

HB No: AANIRLM221155230581

Myostatin: +/+

CALVING EASE
☒ **EASY**
☐ **AVERAGE**
☐ **MATURE COWS ONLY**



Mambo

Code: **AA5479**

Drumcarbin Prince Mambo

DOB:16/09/17

HB No: AANIRLM222086780264

Myostatin: +/+



Aberdeen Angus





















Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
	Replacement Index	€105	48% (Average)	
	Terminal Index	€90	52% (Average)	
	Dairy Beef Index	€113	65% (High)	

Expected Progeny Performance

Calving Difficulty	Beef Heifers (% 3&4)	5.6%	59% (Average)	16 Records (Beef)
	Beef Cows (% 3&4)	3.0%	75% (High)	
★★★★★	Gestation Length (days)	-2.2 d	97% (High)	★★★★★
★★★★☆	Dolicity (Scale)	0.00	47% (Average)	★★★★☆
★★★★★	Carcass Weight (Kg)	13.5 Kg	46% (Average)	★★★★☆
★★★★☆	Carcass Conf (Scale 1 - 15)	0.77 Scale	46% (Average)	★★★☆☆

Expected Daughter Performance

		Daughter calv diff (% 3 & 4)		6.0% (High)	
					
Daughter milk (kg)		3.8 Kg		45 % (Average)	
					
Daughter calv interval (d)		-4.1 days		41 % (Average)	
					

- Easy calving & short gestation, suitable for commercial & pedigree maidens
- Patriarch is correct, well muscled & full of style
- Performance, shape & breed character in one package



MGS, Rosemead Karona

- Bova Lord Blackwood H175

- Coolrain Megan

- SAV Net Worth 4200

- Belvin Lady Blossom 64'04ET
IMP

- Rosemead Karona J957

- Coolrain Florrie



Star Rating (Within Breed)	ICBF, Oct '20 <small>Genotype Incl.</small>	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	Replacement Index	€121	49% (Average)	★★★★★★
★★★★★★	Terminal Index	€88	52% (Average)	★★★★☆☆
★★★★★★	Dairy Beef Index	€89	51% (Average)	★★★★★★

Expected Progeny Performance

Calving Difficulty	Beef Heifers (% 3&4)	4.1%	50% (Average)	0 Records (Beef)
	Beef Cows (% 3&4)	2.0%	72% (High)	
★★★★★	Gestation Length (days)	1.7 d	44 % (Average)	★★★★★★
★★★★★★	Docility (Scale)	0.09	56 % (Average)	★★★★★★
★★★★★★	Carcass Weight (Kg)	14.8 Kg	52 % (Average)	★★★★★
★★★☆☆	Carcass Conf (Scale 1 - 15)	0.61 Scale	47 % (Average)	★★★☆☆

Expected Daughter Performance

	Daughter calv diff (% 3 & 4)	6.8 %	62 % (High)	
★★★★☆	Daughter milk (kg)	5.5 Kg	48 % (Average)	★★★★☆
★★★★☆	Daughter calv interval (d)	-5.6 days	42 % (Average)	★★★★★

- Mambo was selected by the Angus committee for the Gene Ireland Maternal Programme
- All-Ireland Aldi Championship Senior Winner 2018
- Mambo himself is a powerful long correct bull



Sire, Rawburn Transformer

- Rawburn Transformer

- Drumcarbin L
Pidatia

Hoff Great Western S C 456

- Willabar Tilda 7B

- Drumcarbin Lord Hugo K116

- Drumcarbin Pidatia G065

Shotgun

Deelish Shotgun
DOB:10/02/19

Code: **AA6331**
HB No: AANIRLM214011990799

Myostatin: +/-

Test



Aberdeen Angus

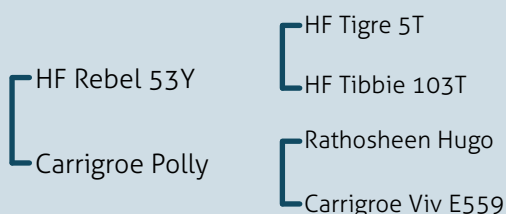


Star Rating (Within Breed)	Index ICBF, Oct '20 <small>Genotype Incl.</small>	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	Replacement Index	€131	46% (Average)	★★★★★★
★★★★★★	Terminal Index	€95	50% (Average)	★★★★★★
★★★★★★	Dairy Beef Index	€97	49% (Average)	★★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	4.9%	47% (Average)	0 Records (Beef)
	Beef Cows (% 3&4)	1.4%	68% (High)	
★★★★★★	Gestation Length (days)	-1.2 days	59% (Average)	★★★★★★
★★★★★★	Docity (Scale)	0.11 Scale	45 % (Average)	★★★★★★
★★★★★★	Carcass Weight (Kg)	14.9 Kg	49 % (Average)	★★★★★★
★★★★★★	Carcass Conf. (Scale 1-15)	0.85 Scale	45 % (Average)	★★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	7.7 %	57 % (Average)	
★★★★★★	Daughter milk (Kg)	9.2 Kg	46 % (Average)	★★★★★★
★★★★★★	Daughter calving interval (d)	-4.8 days	37 % (Low)	★★★★★★



Sire, HF Rebel

- Exciting new sire, son of the renowned HF Rebel
- His dam was crowned All-Ireland Irish Angus Junior Female Champion 2017
- Shotgun himself exhibits excellent thickness, muscle development and natural fleshing



Dam Carrigroe Polly, All Ireland winning Junior Female Champion, Strokestown



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NEW Stock Reconciliation

Fertility Performance Report

Calving Pattern Report

& More

& More..

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Drugs



Diary



Moves



Weights



AirBreed/BCS



Inputs



For Inspections



Milk



Drugs



For Inspections



AI/Breed/BCS



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Tel: 046 924 9964 agrinet.ie Ann Maree 087 1998805

Gucci

Code: **SI4250**

Lis-na-Ri Gucci

DOB: 20/10/15

HB No: SIMIRLM311239540243

Myostatin: +/-



CALVING EASE
☒ EASY
☐ AVERAGE
☐ MATURE COWS ONLY

Fifty Cent

Code: **SI2469**

Lisnacran Fifty Cent

DOB: 25/10/14

HB No: SIMIRLM272111730322

Myostatin: +/-

CALVING EASE
☒ EASY
☐ AVERAGE
☐ MATURE COWS ONLY



Simmental



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	Replacement Index	€155	64% (High)	★★★★★★
★★★★★	Terminal Index	€75	84% (V High)	★★★★★
★★★★★★	Dairy Beef Index	€56	71% (High)	★★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	7.5%	76% (High)	480 Records (Beef)
	Beef Cows (% 3&4)	2.6%	95% (V High)	
★★★★★	Gestation Length (days)	2.4 d	96% (V High)	★★★★★
★★★★★	Docility (Scale)	0.09	92% (V High)	★★★★★★
★★★★★	Carcass Weight (Kg)	17.4 Kg	88% (V High)	★★★★★
★★★★★★	Carcass Conf (Scale 1 - 15)	1.65 Scale	85% (V High)	★★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	5.6 %	64 % (High)	
★★★★★	Daughter milk (kg)	8.4 Kg	50 % (Average)	★★★★★★
★★★★★★	Daughter calv interval (d)	-1.7 days	50 % (Average)	★★★★★★

Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	Replacement Index	€168	86% (V High)	★★★★★★
★★★★★	Terminal Index	€78	96% (V High)	★★★★★
★★★★★★	Dairy Beef Index	€42	94% (V High)	★★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	8.8%	98% (V High)	5,343 Records (Beef)
	Beef Cows (% 3&4)	3.3%	99% (V High)	
★★★★★★	Gestation Length (days)	0.6 d	99% (V High)	★★★★★★
★★★★★★	Docility (Scale)	0.12	99% (V High)	★★★★★★
★★★★★	Carcass Weight (Kg)	17.8 Kg	99% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	1.19 Scale	99% (V High)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	4.9 %	85 % (V High)	
★★★★★	Daughter milk (kg)	5.0 Kg	91 % (V High)	★★★★★★
★★★★★★	Daughter calv interval (d)	-3.4 days	63 % (High)	★★★★★★

- Easy calving, suitable for strong maidens
- Gucci progeny are average in size with excellent muscle development
- Top 7% within Simmentals on Carcass Conformation

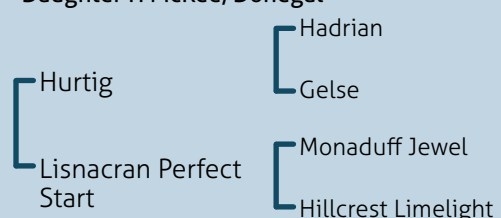
- Fifty Cent cows are very quiet and milky with excellent fertility
- No. 1 Simmental available on Gestation Length
- No. 2 Simmental available on Calving Interval



Son, V. Silke, Galway



Daughter H McKee, Donegal





REPLACEMENT



WEANLING



FINISHING



Simmental

Star Rating (Within Breed)	Index ICBF, Aug '20 genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	Replacement Index	€217	91% (V High)	★★★★★★
★★★★★★	Terminal Index	€100	96% (V High)	★★★★★★
★★★★★★	Dairy Beef Index	€48	93% (V High)	★★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	8.6%	97% (V High)	5719 Records
	Beef Cows (% 3&4)	3.5%	99% (V High)	
★★★★★★	Gestation Length (days)	1.8 days	99% (V High)	★★★★★★
★★★★★★	Docility (Scale)	0.09 Scale	99 % (V High)	★★★★★★
★★★★★★	Carcass Weight (Kg)	24.9 Kg	99 % (V High)	★★★★★★
★★★★★★	Carcass Conf. (Scale 1-15)	1.64 Scale	99 % (V High)	★★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	4.8 %	91 % (V High)	★★★★★★
★★★★★★	Daughter milk (Kg)	5.2 Kg	95 % (V High)	
★★★★★★	Daughter calving interval (d)	-9.3 days	77 % (High)	★★★★★★

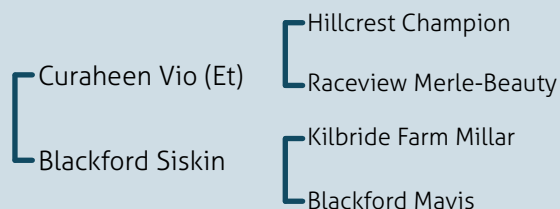


Daughter H McKee, Donegal



Earp Son

- The No. 1 Simmental on the Replacement Index
- Earp excels in all of the traits necessary for a profitable suckler system
- Use to produce exceptional daughters without compromising on Terminal Traits



Frosty King

Code: SI4083

Clonagh Frosty King ET

DOB:18/12/14

HB No: SIMIRLM221283391170

Myostatin: +/-

CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY

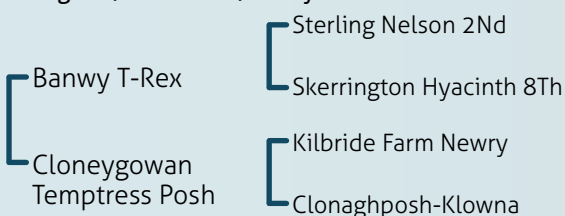


Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	Replacement Index	€162	77% (V High)	★★★★★★
★★★★★★	Terminal Index	€113	94% (High)	★★★★★★
★★★★★★	Dairy Beef Index	€64	84% (High)	★★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	7.3%	84% (V High)	
	Beef Cows (% 3&4)	3.5%	98% (V High)	1,511 Records (Beef)
★★★★★★	Gestation Length (days)	2.1 d	99% (V High)	★★★★★★
★★★★★★	Dolality (Scale)	0.07	98% (V High)	★★★★★★
★★★★★★	Carcass Weight (Kg)	29.8 Kg	97% (V High)	★★★★★★
★★★★★★	Carcass Conf (Scale 1 - 15)	1.39 Scale	97% (V High)	★★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	4.3 %	70 % (High)	
★★★★★★	Daughter milk (kg)	10.9 Kg	71 % (High)	★★★★★★
★★★★★★	Daughter calv interval (d)	-0.5 days	54 % (Average)	★★★★★★

- Frosty King progeny have excellent performance
- Daughters are very milky; +10.9kgs
- Use to improve calving ease, size, performance & milk
- Easy calving, suitable for strong maidens



Daughter, C. Kinahan, Offaly



Handsome

Code: SI4322

KICKHAMS HANDSOME

DOB:01/02/16

HB No: SIMIRLM341049480261

Myostatin: +/-

CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY



Star Rating (Within Breed)	ICBF, Aug '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	Replacement Index	€158	63% (High)	★★★★★★
★★★★★★	Terminal Index	€92	82% (V High)	★★★★★★
★★★★★★	Dairy Beef Index	€17	67% (High)	★★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	9.3%	57% (Average)	
	Beef Cows (% 3&4)	3.7%	95% (V High)	192 Records
★★★★★★	Gestation Length (days)	1.7 d	94% (V High)	★★★★★★
★★★★★★	Dolality (Scale)	0.07	94% (V High)	★★★★★★
★★★★★★	Carcass Weight (Kg)	27.1 Kg	85% (V High)	★★★★★★
★★★★★★	Carcass Conf (Scale 1 - 15)	1.55 Scale	81% (V High)	★★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	5.8 %	64 % (High)	
★★★★★★	Daughter milk (kg)	11.4 Kg	49 % (Average)	★★★★★★
★★★★★★	Daughter calv interval (d)	-2.5 days	50 % (Average)	★★★★★★

- Handsome's progeny excel in weight, shape and natural fleshing
- A complete sire – High in Terminal and Replacement traits
- Short gestation



Sire Curaheen Wakeman



Pat

Code: SA4461

SPIDDAL PAT

DOB:03/11/15

HB No: SALIRLM181276270116

Myostatin: +/-



CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY

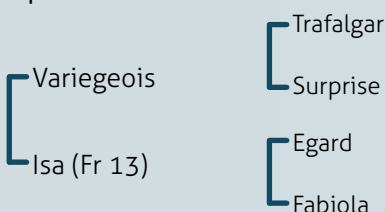


Star Rating (Within Breed)	ICBF, Aug '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€135	60% (High)	★★★★★
★★★★★	Terminal Index	€79	76% (High)	★★★★★
★★★★★	Dairy Beef Index	€91	75% (High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	6.8%	87% (V High)	150 Records
	Beef Cows (% 3&4)	2.5%	89% (V High)	
★★★★★	Gestation Length (days)	2.1 d	97% (V High)	★★★★★
★★★★★	Dolcility (Scale)	-0.13	92% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	15.5 Kg	78% (High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	1.03 Scale	72% (High)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	5.3 %	57 % (Average)	
★★★★★	Daughter milk (kg)	10.5 Kg	50 % (Average)	★★★★★
★★★★★	Daughter calv interval (d)	-3.4 days	44 % (Average)	★★★★★

- Easy calving, suitable for pedigree and commercial maidens
- No. 2 Salers bull available on milk; 10.5kg
- Sire, Variegeois is a well proven French sire



Spiddal Pat



Roy

Code: SA4604

KNOTTOWN ROY

DOB:15/08/16

HB No: SALIRLM371214651745

Myostatin: +/-



CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY

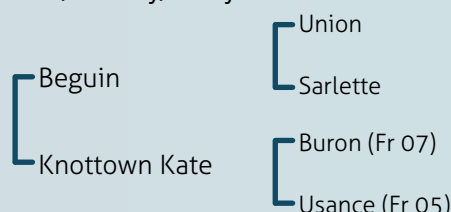


Star Rating (Within Breed)	ICBF, Aug '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€250	57% (Average)	★★★★★
★★★★★	Terminal Index	€109	69% (High)	★★★★★
★★★★★	Dairy Beef Index	€124	72% (High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	5.6%	93% (V High)	6 Records
	Beef Cows (% 3&4)	1.4%	93% (V High)	
★★★★★	Gestation Length (days)	-0.2 d	98% (V High)	★★★★★
★★★★★	Dolcility (Scale)	0.10	90% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	20.3 Kg	66% (High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	1.26 Scale	56% (Average)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	5.3 %	58 % (Average)	
★★★★★	Daughter milk (kg)	11.9 Kg	49 % (Average)	★★★★★
★★★★★	Daughter calv interval (d)	-3.8 days	41 % (Average)	★★★★★

- No. 1 Salers bull standing in Irish AI on Replacement Index
- Easy calving & short gestation; suitable for use on maidens
- Excellent dolcility - 5 star across breeds, No. 1 Salers available on dolcility
- Use to breed your replacement females



Son, R. Brady, Offaly



Matrix Pp

Stoneyroyd Halcyon Matrix (Pp)

DOB:25/02/14

HB No: MSHGBRM129362400021

Code: **SH4209**

Myostatin: E226X/+



Hetro Polled



WEANLING



FINISHING

CALVING EASE
☐ EASY
☐ AVERAGE
☒ MATURE COWS ONLY

Shorthorn



Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★ ★ ★ ★ ★	Replacement Index	€66	54% (Average)	★ ★ ★ ★ ★
★ ★ ★ ★ ★	Terminal Index	€18	77% (High)	★ ★ ★ ★ ★
★ ★ ★ ★ ★	Dairy Beef Index	-€5	71% (High)	★ ★ ★ ★ ★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	16.4%	84% (V High)	433 Records (Beef)
	Beef Cows (% 3&4)	8.2%	94% (V High)	
★ ★ ★ ★ ★	Gestation Length (days)	-0.7 days	97% (V High)	★ ★ ★ ★ ★
★ ★ ★ ★ ★	Docity (Scale)	0.26 Scale	93 % (V High)	★ ★ ★ ★ ★
★ ★ ★ ★ ★	Carcass Weight (Kg)	4.9 Kg	79 % (High)	★ ★ ★ ★ ★
★ ★ ★ ★ ★	Carcass Conf. (Scale 1-15)	0.74 Scale	72 % (High)	★ ★ ★ ★ ★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	7.1 %	52 % (Average)	
★ ★ ★ ★ ★	Daughter milk (Kg)	7.4 Kg	34 % (Low)	★ ★ ★ ★ ★
★ ★ ★ ★ ★	Daughter calving interval (d)	-1.5 days	38 % (Low)	★ ★ ★ ★ ★

- Progeny are certainly impressing on the ground with exceptional shape
- Matrix is an impressive long, wide, correct well-muscled bull
- He combines an exceptional phenotype with a strong pedigree for maternal & terminal traits



Son, F. Kelly, BB cross dam



Son, C. Ronan



Fire Fox Pp

Buncraggy Fire Fox (RO)(Pp)

DOB:06/03/17

Code: **SH4748**

HB No: MSHIRLM224141430123

Myostatin: E226X/+



Shorthorn

Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€120	49% (Average)	★★★★★
★★★★★	Terminal Index	€74	57% (Average)	★★★★★
★★★★★	Dairy Beef Index	€82	60% (High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	6.8%	72% (High)	141 Records (Beef)
	Beef Cows (% 3&4)	2.6%	88% (V High)	
★★★★★	Gestation Length (days)	-0.6 days	94% (V High)	★★★★★
★★★★★	Docity (Scale)	0.14 Scale	57 % (Average)	★★★★★
★★★★★	Carcass Weight (Kg)	20.0 Kg	51 % (Average)	★★★★★
★★★★★	Carcass Conf. (Scale 1-15)	0.74 Scale	45 % (Average)	★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	7.6 %	59 % (Average)	
★★★★★	Daughter milk (Kg)	8.8 Kg	45 % (Average)	★★★★★
★★★★★	Daughter calving interval (d)	-2.1 days	38 % (Low)	★★★★★

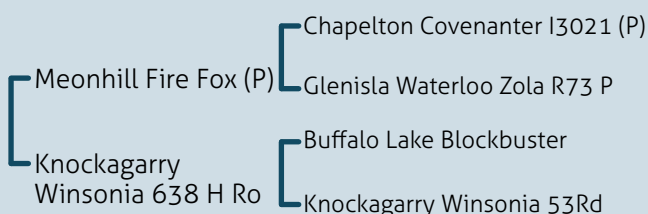


Daughter, F. Kelly, Donegal



Daughter, G. Sweeney, Donegal

- Easy calving, suitable for pedigree and commercial maidens
- Great satisfaction with first crop of calves
- Good quality, well-coloured progeny



Apache

Code: HE5298

CALVING EASE
EASY
AVERAGE
MATURE
COWS ONLY

Allowdale Apache HYF

DOB: 07/03/17

HB No: HERIRLM151225370738

Myostatin: +/-

Hereford



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€158	49% (Average)	★★★★★
★★★★★	Terminal Index	€70	55% (Average)	★★★★★
★★★★★	Dairy Beef Index	€63	65% (High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	7.3%	51% (Average)	
	Beef Cows (% 3&4)	1.8%	77% (High)	0 Records (Beef)
★★★★★	Gestation Length (days)	-0.7 d	93% (V High)	★★★★★
★★★★★	Docility (Scale)	0.17	57% (Average)	★★★★★
★★★★★	Carcass Weight (Kg)	9.5 Kg	53% (Average)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	0.72 Scale	46% (Average)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	5.4 %	61% (High)	
★★★★★	Daughter milk (kg)	9.4 Kg	47% (Average)	★★★★★
★★★★★	Daughter calv interval (d)	-5.2 days	39% (Low)	★★★★★

- Great satisfaction with first calves - quality & colour
- Apache is the No. 3 Hereford available on Replacement
- Apache is -0.7 days for Gestation Length at 93% reliability



Sire, Allowdale Rambo

Allowdale Rambo Et {Hyf}

Allowdale Pansy 213

Gh Rambo 279R

Gh Performance Passion 126S

Gageboro Eugenic

Balleen Pansy 32

Axel

Code: HE5452

Proof Pending

Allowdale Axel HYF

DOB: 17/02/18

HB No: HERIRLM21776440835

Myostatin: +/-



Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€53	46% (Average)	★★★★★
★★★★★	Terminal Index	€78	49% (Average)	★★★★★
★★★★★	Dairy Beef Index	€61	49% (Average)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	8.8%	48% (Average)	
	Beef Cows (% 3&4)	2.7%	74% (High)	
★★★★★	Gestation Length (days)	-0.5 d	65% (High)	★★★★★
★★★★★	Docility (Scale)	0.24	47% (Average)	★★★★★
★★★★★	Carcass Weight (Kg)	13.9 Kg	45% (Average)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	0.54 Scale	44% (Average)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	7.3 %	58% (Average)	
★★★★★	Daughter milk (kg)	2.0 Kg	45% (Average)	★★★★★
★★★★★	Daughter calv interval (d)	-3.9 days	36% (Low)	★★★★★

- Axel himself is a very classy, well-muscled and correct bull
- Axel boasts two exceptional sires in his pedigree Border Rory & Allowdale Rambo
- Axel is bred for calving ease, short gestation & shape



Sire, Border Rory

Border Rory D35 {Hyc}

Allowdale Blossom 458

Border Rory A36

Border Curly W6

Allowdale Rambo ET {Hyf}

Haven Blossom 3rd

Sonic PP

Code: HE6364

Solpoll 1 Sonic PP HYF

DOB: 27/01/19

HB No: HERGBRM933001331221

Myostatin: +/-

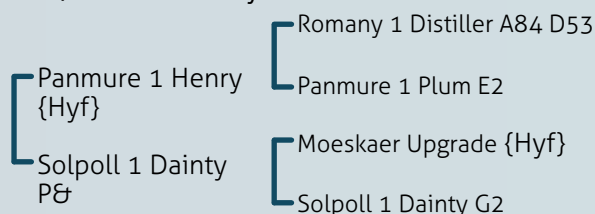


Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€81	38% (Low)	★★★★★
★★★★★	Terminal Index	€45	41% (Average)	★★★★★
★★★★★	Dairy Beef Index	€38	42% (Average)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3 & 4)	9.8%	40% (Average)	0 Records (Beef)
	Beef Cows (% 3 & 4)	3.6%	64% (High)	
★★★★★	Gestation Length (days)	0.3 d	42% (Average)	★★★★★
★★★★★	Docility (Scale)	0.12	36% (Low)	★★★★★
★★★★★	Carcass Weight (Kg)	2.1 Kg	38% (Low)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	0.58 Scale	36% (Low)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	6.5 %	53 % (Average)	
★★★★★	Daughter milk (kg)	5.5 Kg	35 % (Low)	★★★★★
★★★★★	Daughter calv interval (d)	-3.3 days	33 % (Low)	★★★★★

- Sonic is a new & exciting prospect for the future
- His sire is the renowned Panmure 1 Henry
- Homozygous polled



Sire, Panmure 1 Henry



Premier Pp

Code: GPZ

Grousehallpoll 1 Premier Pp (ET) HYF

DOB: 11/01/11

HB No: HERIRLM121309430310

Myostatin: +/-



CALVING EASE
☒ EASY
☒ AVERAGE
☒ MATURE COWS ONLY

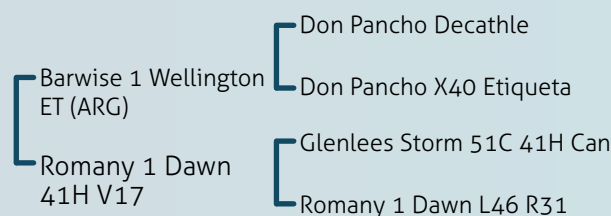


Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€104	95% (V High)	★★★★★
★★★★★	Terminal Index	€84	94% (V High)	★★★★★
★★★★★	Dairy Beef Index	€62	96% (V High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3 & 4)	6.9 %	94% (V High)	1138 Records (Beef)
	Beef Cows (% 3 & 4)	2.8 %	98% (V High)	
★★★★★	Gestation Length (days)	0.2 d	99% (V High)	★★★★★
★★★★★	Docility (Scale)	0.06	98% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	10.3 Kg	99% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	0.55 Scale	99% (V High)	★★★★★
Expected Daughter Performance				
	Daughter calv diff (% 3 & 4)	5.6 %	94% (V High)	
★★★★★	Daughter milk (kg)	2.1 Kg	97% (V High)	★★★★★
★★★★★	Daughter calv interval (d)	-5.7 days	89% (V High)	★★★★★

- Premier is a high performance Hereford excelling on weight gain & shape
- Recommended to pedigree breeders to sire bulls for the dairy herd
- SEMEN LIMITED



Sire, Barwise 1 Wellington



Inzagi

Stonelea Inzagi

DOB: 05/04/14

HB No: BAQIRLM311056340079

Myostatin: +/-

Code: BA2308

CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY



Blonde d'Aquitaine

Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€37	64% (High)	★★★★★
★★★★★	Terminal Index	€106	86% (V High)	★★★★★
★★★★★	Dairy Beef Index	€70	72% (High)	★★★★★

Expected Progeny Performance

Calving Difficulty	Beef Heifers (% 3 & 4)	12.3%	79% (High)	
Beef Cows (% 3 & 4)	5.8%	96% (V High)	614 Records (Beef)	
★★★★★	Gestation Length (days)	5.9 d	97% (V High)	★★★★★
★★★★★	Dolcility (Scale)	0.01	95% (V High)	★★★★★
★★★★★	Carcass Weight (Kg)	24.7 Kg	95% (V High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	2.11 Scale	93% (V High)	★★★★★

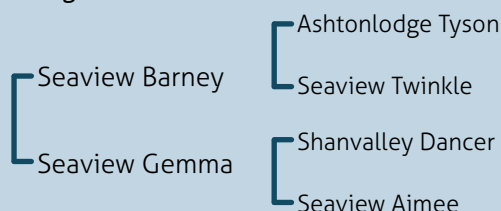
Expected Daughter Performance

	Daughter calv diff (% 3 & 4)	5.6 %	54 % (Average)	
★★★★★	Daughter milk (kg)	-6.8 Kg	52 % (Average)	★★★★★
★★★★★	Daughter calv interval (d)	0.2 days	43 % (Average)	★★★★★

- Inzagi has proven himself an excellent weanling producer
- 5 Star across breed for Carcass Weight, Carcass Conformation & Carcass Fat



Daughter, James Lennon, Westmeath



Logan

Kilgulbin Parthenaise Logan

DOB: 05/12/16

HB No: PARIRLM191242891069

Myostatin: nt821/nt821

Code: PT4570

CALVING EASE
EASY
AVERAGE
MATURE COWS ONLY



Parthenaise

Star Rating (Within Breed)	ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★	Replacement Index	€148	47% (Average)	★★★★★
★★★★★	Terminal Index	€122	61% (High)	★★★★★
★★★★★	Dairy Beef Index	€90	47% (Average)	★★★★★

Expected Progeny Performance

Calving Difficulty	Beef Heifers (% 3 & 4)	17.6%	47% (Average)	
Beef Cows (% 3 & 4)	8.6%	78% (High)	45 Records (Beef)	
★★★★★	Gestation Length (days)	2.3 d	85% (V High)	★★★★★
★★★★★	Dolcility (Scale)	0.10	51% (Average)	★★★★★
★★★★★	Carcass Weight (Kg)	29.5 Kg	64% (High)	★★★★★
★★★★★	Carcass Conf (Scale 1 - 15)	2.33 Scale	58% (Average)	★★★★★

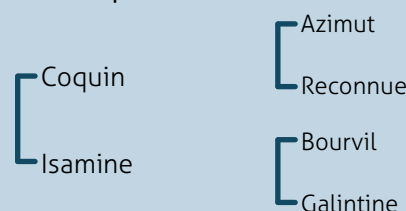
Expected Daughter Performance

	Daughter calv diff (% 3 & 4)	4.9 %	46 % (Average)	
★★★★★	Daughter milk (kg)	1.7 Kg	44 % (Average)	★★★★★
★★★★★	Daughter calv interval (d)	-0.5 days	36 % (Low)	★★★★★

- An exceptional weanling producer
- Logan has excellent temperament
- Progeny have exceptional muscle development - homozygous for the double muscle gene



Sire, Coquin



Magnificent

Turloughmore Magnificent
DOB:20/01/17

Code: **AU4683**

HB No: AUBIRLM181464730595

Myostatin: +/- FL94L: 2



WEANLING



FINISHING

CALVING EASE
EASY
AVERAGE
MATURE
COWS ONLY



Aubrac

Star Rating (Within Breed)	Index ICBF, Oct '20 Genotype Incl.	€ Value	Rel	Star Rating (Across Breed)
★★★★★★	Replacement Index	€205	52% (Average)	★★★★★★
★★★★★★	Terminal Index	€134	58% (Average)	★★★★★★
★★★★★	Dairy Beef Index	€125	66% (High)	★★★★★
Expected Progeny Performance				
Calving Difficulty	Beef Heifers (% 3&4)	6.9%	60% (High)	86 Records (Beef)
	Beef Cows (% 3&4)	1.8%	85% (V High)	
★★★★★	Gestation Length (days)	0.8 days	96% (V High)	★★★★★★
★★★★★★	Docility (Scale)	0.12 Scale	63 % (High)	★★★★★★
★★★★★★	Carcass Weight (Kg)	21.5 Kg	54 % (Average)	★★★★★
★★★★★★	Carcass Conf. (Scale 1-15)	2.21 Scale	49 % (Average)	★★★★★★
Expected Daughter Performance				
	Daughter calving diff (% 3&4)	6.6 %	56 % (Average)	
★★★★★	Daughter milk (Kg)	4.8 Kg	48 % (Average)	★★★★★
★★★★★★	Daughter calving interval (d)	-4.1 days	42 % (Average)	★★★★★★



Daughter, R. Brady, Offaly



Daughter, R. Brady, Offaly

- Magnificent is proving to be a super terminal sire
- No. 2 Aubrac bull available on Terminal Index
- Magnificent's dam is a consistent producer of superior carcass animals

Despagnou
Garvanaugh 10
Andalous
Rouzette
Johnstown Calum 25
Garvanaugh Berrell

Heat detection in suckler cows

In suckler cows heat detection aids are hugely beneficial, generally reliance on observation alone will not yield good results; a high proportion of heats will be missed.

The factors affecting the expression of heat in sucklers are diverse, from the cows BCS to the cow calf bond, from the size of the sexually active group to the under-foot conditions & more. If the number of cows on heat simultaneously is small there will be less activity making it harder to pick up individual cows on heat; a vasectomised bull is invaluable in this situation.

The Vasectomised Bull

A vasectomised bull fitted with a chin ball is the best method of heat detection for suckler cows.

Pre-breeding

- A vasectomised bull is a valuable asset, when fitted with a chinball, he will mark every cow he mates, this will allow you to pick up heats when you are feeding the cows etc.
- The bull needs to be well grown & ideally similar in size or taller than the females to be detected, this is especially important indoors.
- Vasectomise the bull a minimum of eight weeks prior to he being required.
- Always fit him with a nose ring to allow easy application of the chinball.
- A fill of the chinball should last 15-20 heats depending on the bull. It is important, especially in young bulls, to pad the area around the back of the neck & around the nose band.
- Put the chinball on at least one week prior to the breeding season, without paint; this allows the bull to get used to the device & avoids wastage of paint.

Chinball in-action

- Ensure the chinball is snugly fitted to the bull as shown (adjust them regularly especially in the first month of use).
- Watch carefully to make sure that the bull marks the backs of the cows he mates ('courting marks' may appear on the cows side alerting you she is coming on heat, wait until she shows a full heat)



BB5223 Nox, D. Nulty, Cavan



CH4252 Levi son, D. Staunton, Galway

Achieving High Conception Rates

- A. Accurate heat detection.
- B. Experienced competent technician with high quality semen.
- C. Female factors-get your cow vetted.
- D. Nutrition around breeding: avoid fluctuations in feed supply
- E. Feeding after calving will not compensate for poor BCS at calving
- F. Disease-talk to your vet about your herd health, get all vaccinations done pre breeding season
- G. Parasites-Liver Fluke & worms-talk to your vet about a dosing programme
- H. Keep them in a socially stable group
- I. Mineral supplementation



LM4217 Knell Daughter, J. Lennon, Westmeath

A.I for the Suckler Cow

How to achieve targets:

1. Cow must have an easy calving (select proven AI sires).
2. Must cycle within 55 d of calving.
3. Accurate heat detection.
4. Achieve high conception rates.

How to ensure Cycling by day 55?

Maternal-Offspring bonding: The effect of the maternal offspring bond must be reduced to ensure that cows will resume cyclicity early post calving. The easiest way to do this is to separate the calves from the cows from day 30, allowing them restricted access only. For the autumn calving cows that are housed, a door in the creep area to an outside paddock can be opened to allow the calves out to grass. Allow them restricted access to the cows am & pm. The time to first heat will be reduced by 4 weeks. 80% of cows will exhibit a fertile heat by day 45, however, about 10% will not respond. These are often the cows in poor BCS.

Separation of the cow & calf is especially useful for 1st calvers & late calvers. Herd-owners who have begun this regime find it works extraordinarily well, in addition to the cows cycling sooner, the calves are out most of the time resulting in reduced disease issues, less bedding used & heavier calves at weaning - A winner all around.

Nutrition & BCS: BCS is a measure of fat reserves on a 1-5 scale similar to the factory fat scoring system. You can assess it by feeling over the rib, over the loin & around the tail head. The higher the BCS at calving the quicker the cow will resume cycling post calving, a moderate to good BCS of 2.5+ is ideal. Feeding after calving will not compensate for poor BCS at calving (BCS at calving: 1.75 - low: post partum interval (PPI) 71 d, BCS 2.5 - moderate: PPI 59 d, BCS 3.5 - good: PPI 55 d).

Key reproductive targets

Calving Interval	365 d
Culled annually for being empty	< 5%
% Calving to weaning a calf	>95%
80% Calved in	6 weeks
Replacement Rates	16-18%
Age 1st Calving	24 months



LM2117 Imperial Daughter, A Woods, Cavan

A.I. in Maiden Heifers

Ensure that heifers:

1. Meet the recommended target weights
2. Are on a rising plane of nutrition i.e. gaining weight
3. Have received all of their vaccines 3 weeks prior to breeding
4. Have been dosed for parasites- Fluke & Worms prior to breeding
5. Are in a socially stable group; avoid mixing heifers from different groups during the breeding season
6. Have adequate space to allow mounting for heat detection; increased stocking density indoors reduces heat expression & more false heats will occur
7. Have suitable under-foot conditions; mounting activity & duration of mounting is reduced when under- foot conditions are slippery & when cattle are on concrete

Recommended target weight at 14 months of age

Breed Target	(KG)	ADG birth to 14 months (Kg/day)
Angus X	370	0.77
Hereford X	370	0.77
Simmental X	400	0.85
Limousin X	420	0.88
Charolais X	430	0.90



FSZ Fiston Son, A Woods, Cavan

TK



SH4748 Fire Fox, G. Sweeney, Donegal

TK

Recommended Synchronisation Programmes

Use of synchronisation & fixed timed AI

Synchronisation is an excellent way of increasing the number of heifers served to A.I. with minimum heat detection. There are many advantages; all the heifers are served within a short period of time, the repeats are together which facilitates heat detection & a compact group can be presented for scanning (ensure all the heifers meet the minimum target weights outlined above).

- Have a good Body condition Score (BCS), not fat.
- Are on a rising plane of nutrition.
- Have received all their vaccines prior to the breeding season.
- Have been dosed for parasites prior to the breeding season.
- Are in a socially stable group; avoid mixing heifers during the breeding season.

Advantages of Oestrous Synchronisation & Fixed timed AI

1. All the cows calved 35 d are A.I.'d on one day at a predetermined time without heat detection.
2. Resumes cyclicity in all non- cycling cows.
3. Repeats will occur in close proximity, facilitating heat detection.
4. Three & Six week calving rate is much improved.
5. A compact group of cows can be presented for scanning.
6. Compact calf crop for management & sale.



Day	Simple Heifer		Heifer Fixed Time		Dairy Cow		Beef Cow	
	Day	Action	Day	Action	Day	Action	Day	
Monday	0	Observe Heats 5 Times per Day A.I. Heifers with Observed heat (AM/PM rule)	0	PRID/CIRD	0	GnRH + PRID/CIRD	0	GnRH + PRID/CIRD
Tuesday	1		1		1		1	
Wednesday	2		2		2		2	
Thursday	3		3		3		3	
Friday	4		4		4		4	
Saturday	5		5	PG & Prid Out	5		5	
Sunday	6		6		6		6	
Monday	7	PG heifers not Bred	7		7	PG 10 am & Prid Out	7	PG + eCG10 am & Prid Out
Tuesday	8	A.I. Heifers with Observed heat (AM/PM rule)	8	GnRH + AI	8		8	
Wednesday	9				9	GnRH 4pm	9	
Thursday	10				10	AI 10 am	10	GnRH + AI 10 am
Friday	11							
Saturday	12							
Sunday	13							
Monday	14							
Tuesday	15							
Wednesday	16							
Thursday	17	PG heifers not Bred						
Friday	18							
Saturday	19							
Sunday	20	Fixed Time A.I. 72 hrs						
Monday	21	Fixed Time A.I. 96 hrs						

PG = Prostaglandin injection = Prostaglandin such as Enzaprost, Estrumate or Lutalyse
 PRID/CIRD = progesterone intravaginal device
 GnRH = injection of Receptal, Ovarelin, Acegon
 eCG = Syncrostim or Folligon PMSG
 All are POM prescription only medicines

- Heifers must be cycling to respond to prostaglandin synchronisation regimes.
- Ensure that heifers are well grown (>320 kg BW) and in good body condition (>3.25) to maximise likelihood that they have commenced cycling prior to mating start date

Myostatin Gene

Myostatin Variants "Double Muscle", reduced fat Possibly Harder Calvings,

Non-Disruptive Variants Identified as +/- F94L, S105C, D182N



F94L

Common in Limousin
More Muscle, No
Extra Calving

Disruptive Variants

nt821, Q204X, C313Y,
E226X, E291X, NT419



nt821

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

Q204X

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

Myostatin Carriers

**Homozygous
Non-disruptive**
+/+
No disruptive
effects

**Heterozygous
Disruptive**
nt821/+,
Q204X/+
Some effects

**Homozygous
Disruptive**
nt821/nt821,
Q204X/Q204X,
Q204X/nt821
Noticeable effects

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

Effects Of Myostatin

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

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

Variants

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

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

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

Recommendations

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

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

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

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

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

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

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

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

Help your AI technician, do the job for you!

Proper Restraint

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

Safety

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

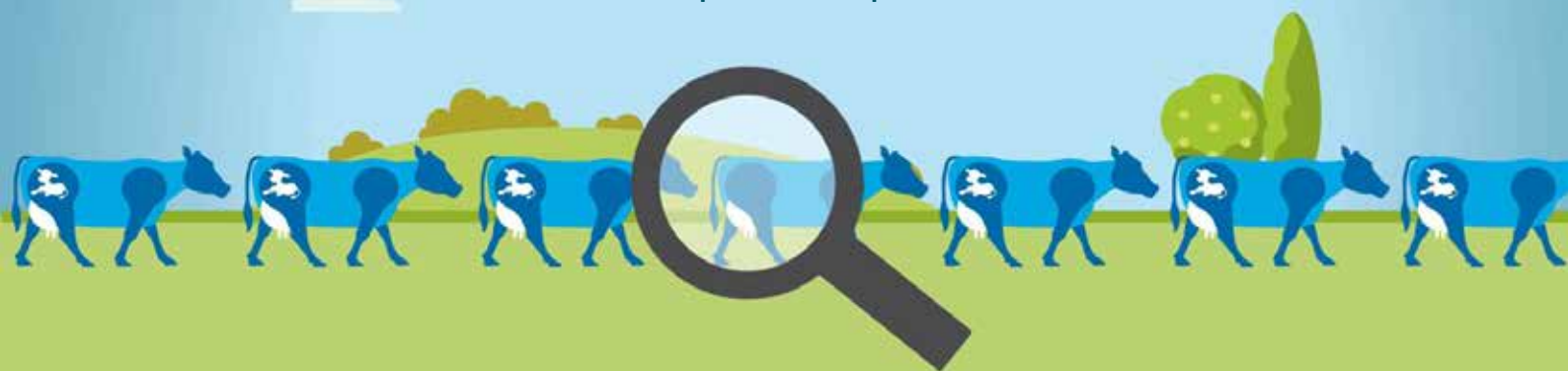
Avoid penning a suckler cow/heifer on her own for AI as she may become stressed & difficult to handle & inseminate.

Timing Of AI

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

Milk Preg Testing for better breeding performance

Sample kit via post



Pregnancy Diagnosis from milk samples

1. Simple milk sample kit
2. Easy: Sample in your own time
3. Effective: Comparable accuracy to scanning
4. Complements scanning and fits into a managed fertility programme.
5. Use from 28 days post breeding

After Breeding Season Check

1. Cost effective
2. Sample when it suits you
3. Better animal welfare
4. Less human stress
5. Best after day 60 of pregnancy

Mid-Breeding Season Check

1. Early check as soon as cows pass 28 days
2. Non-pregnant cows can be re-bred within the breeding season
3. Cost effective
4. No labour and cow handling
5. Samples via post, results by text
6. Highest accuracy from day 28 to 40
7. Sampling kits available

From
€3.60
per test

Sample Kit
↓
Draw milk to bottle
↓
Post
↓
Results by text



Moocall Heat: The Future of heat detection



Low cost, Low labour heat detection

Hardware & data cost in year 1
€1500 including VAT

Annual cost from year 2 onwards
€ 350 (incl VAT)

Heat Detection Aids

A.I. Tags: Rub-Off patches: Self Adhesive 50 pack €65

Estrus Alert: Pack of 10 €18

AI Paint: Paint dispensing bottle €12

Vasectomised Bull Harness: Teaser Bull Kit (Harness + 2 blocks) €45

Kow-Ball Bull Harness: Kow-Ball Bull Harness €160 Paint €70



Liquid Nitrogen Servicing

Full DIY A.I. Farm Flask Service throughout area. Progressive Genetics will service your farm semen flask at regular intervals 4 times per year. However, it is the responsibility of the farmer to check their flask on a regular basis to ensure there is adequate nitrogen in the flask. Progressive Genetics cannot be held responsible if the flask runs dry. If you are concerned with the level of nitrogen in your flask at any time please contact us on 1850 20 20 50.

Your AI flask & contents should be listed under your Farm Insurance

Other Services

Several of our AI Technicians offer other services. See these abbreviations on full list over the page:

SC Scanning
MC MetriCheck
FB Freezebranding
CG Concrete Grooving

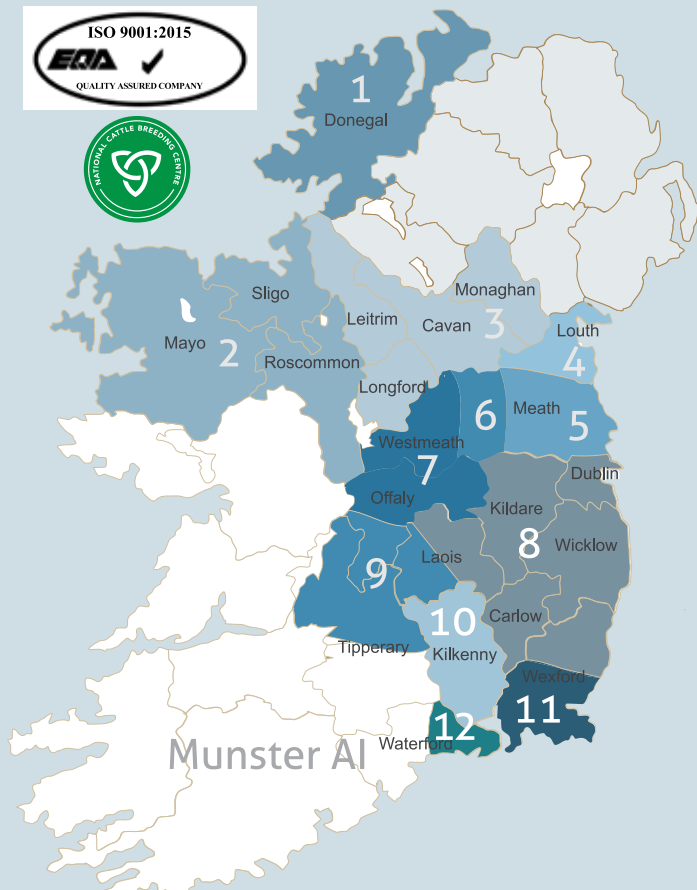
CA Castration
WR Weight Recording
DH Dehorning
MR Mart Run (Calves)



A.I. Technician Service: Professional, Reliable, Quality

Fertility performance you can trust. Technician & Semen fertility performance continuously monitored. Working to the highest professional standards. 363 days a year. **Call 1850 20 20 50** or contact your local technician.

Name	Area	Co	Phone	Name	Area	Co	Phone
John Kelly	S.Carlow/E.Kilkenny	CW	087-7907475	Pat Staunton	Ballinrobe	MO	087-3125209
Noel McCarthy	Bagenalstown/Tullow	CW	087-2558437	Stephen Burke	Cloonfad	MO	086-3707643
Pat Byrne FB	Athy/Castledermot	CW	087-6292567	TJ Bourke	Knockmore	MO	087-2730343
Aiden Clarke	Mountain Lodge/New Inn	CN	086-3861103	Tom Hyland	Moygowna/Kilfian	MO	087-6810724
Bartley Galligan	Cavan/Oldcastle	CN	086-0886767	Tommy Gannon	Charlestown/Swinford	MO	087-2057550
Dudley Buchanan	Ballyjamesduff	CN	087-2236674	Brian Murphy	Ballivor/Edenderry	MH	087-7952861
Eugene McGovern	Ballinamore	CN	087-2236691	Charles Rodgers	Relief Meath	MH	087-0643546
Jimmy Reilly	Drumlish/Moyne	CN	087-2236707	Ciaran McCabe MC	Oldcastle/Castlepollard	MH	086-8454814
John McDaniel SC	Kingscourt	CN	087-2360318	Conor Mimna FB HT DH	Dunshaughlin	MH	086-3749335
Ken Burns SC	Ballyhaise	CN	087-2722508	Donal Kearns SC MC	Dunshaughlin	MH	087-9019476
Noel McGovern	Dowra	CN	087-7862261	Eugene Connaughton	S.Meath	MH	087-2703768
Padraig Burns	Cootehill	CN	087-9700819	John Tuite	Athboy/Navan	MH	086-3699604
Robert Smullen SC	Bailieborough/Virginia	CN	087-9426801	Kevin Tully DH MR	Kentstown	MH	086-8586167
Seamus Smith	Mountain Lodge	CN	087-9784205	Leo Davis	Delvin/Kells/Mullagh	MH	086-8197114
Sean Clerkin SC	Bailieborough/Cootehill	CN	083-1100108	Robert McGuinness SC	Slane	MH	086-3530613
Thomas Sheridan MC	Ballinagh/Kilnaleck	CN	086-0616239	Shaun Tuite	Slane/Drumconrath	MH	086-1534415
Barry Doogan	Dungloe	DL	087-2245851	Eamon Curley SC	North Monaghan	MN	087-2644610
Bernie Cunningham	SW.Donegal	DL	087-2317480	Gregory Flanagan	Ballybay/Castleblaney	MN	086-1507280
Ciaran McGrenaghan	North Innishowen	DL	086-1958698	Micheál McPhillips	Clones/Newbliss	MN	087-6288109
Denis Sweeney	NW Donegal	DL	086-2850300	Peter Christie	Carrickmacross/Castleblaney	MN	087-6866040
Eugene Gallagher	NW Donegal	DL	087-2057543	Donal Grogan	Relief Blueball/Rosenallis	OY	086-2719851
George O'Hagan	South Innisowen	DL	086-8198330	John King	N.Tipperary/S.Offaly	OY	087-6669315
Gerard McCool SC	Ballybofey Finnvalley	DL	087-2057588	Kevin Rigney SC CA DH	Blueball/Rosenallis	OY	087-6866118
Keith Mahon	S.Donegal	DL	087-2057592	Peter Grogan	Tullamore/Geashill/Portarlinton	OY	086-2002274
Michael Leonard SC	Pettigo	DL	086-6029960	Francis Clancy	N.Roscommon	RN	086-2511566
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Joseph Harnett SC CG	Kilcullen/Dunlavin	KE	087-2587089	David Clarke SC	Gurteen	SO	087-7679124
Kevin Cooney	N.Kildare/S.Meath	KE	087-2209323	Des Gurhy	Ballyfarnon	SO	087-2057791
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Damien Aylward	Kells/Dunamaggin	KK	087-2108736	Jacqueline Keane	Riverstown	SO	087-2601797
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Eamonn Hawe	Windgap	KK	087-9805434	Kieran Henry	Tubbercurry/Coolaney	SO	087-2057562
Ger Power SC	Castlecomer/Ballyragget	KK	086-2158505	Michael Davitt SC	Easkey	SO	087-6719331
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Tobias White MC	Kilkenny/Thomastown	KK	086-3084183	Davey Phelan	Carrick-on-Suir	WD	086-2504769
Albert Bailey	Durrow/Rathdowney	LS	086-3323504	David Phelan SC MC	Kill/Kilmacthomas	WD	086-8959558
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