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Official Charolais Society CHRISTMAS CRACKER SHOW & SALE

Saturday, 2nd December, 2017

Elphin Co-operative Livestock Mart Ltd.,

Elphin, Co. Roscommon

Show: 10.00am **Sale:** 12.30pm

Auctioneer: Tom Cox.



SHOW AND SALE ARRANGEMENTS

Safety Officer: Jim Dockery

7.00am In-take of Cattle

10.00a.m. Judging of Classes

Steward: Nevan McKiernan

Sale Steward: John Beirne

Photography Steward: Oliver Connolly

CLASSES

LOT NO.

1. Male born	1st April 2016	5 – 30th May 2	016	1 – 13
1st	2nd	3rd	4th	5th
2. Male born	2nd June 201	6 – 26th July 2	.016	14 - 27
1st	2nd	3rd	4th	5th
3. Male born	5th August 20	16 – 2nd Sept	ember 2016	28 - 40
1st	2nd	3rd	4th	5th
4. Male born	2nd September	er 2016 – 9th S	Sept. 2016	41 - 53
1st	2nd	3rd	4th	5th
Senior Male Champion Reserve Senior Male Champion				
5. Male born	10th Septemb	er 2016 – 19tl	h Sept. 2016	54 - 66
1st	2nd	3rd	4th	5th
6. Male born 26th September 2016 - 11th October 2016 67 - 79				
14	2 1		441	_
1st	2nd	3rd	4th	5th
		-		
7. Male born		-		
7. Male born	11th October	2016 – 5th No 3rd	ovember 2016 4th	80 - 92 5th
7. Male born	11th October 2nd	2016 – 5th No 3rd	ovember 2016 4th	80 - 92 5th

1

12.30p.m. Sale Commences in Catalogue Order

First five (5) animals into the ring, if unsold, may be re-run after the sale of the Senior Champion and Reserve Senior Champion.

Senior & Reserve Senior Champion selected from classes 1 – 4 will be sold after lot 30

Junior & Reserve Junior Champion selected from classes 5 - 8 will be sold after lot 65

ALL ANIMALS CATALOGUED WILL BE SOLD UNDER THE SALE RULES OF THE IRISH CHAROLAIS CATTLE SOCIETY AS PRINTED IN THIS CATALOGUE.

Neither the Charolais Society, the Auctioneers or Elphin Co-Operative Livestock Marts Ltd., will be responsible for any injury, loss or damage sustained by any person or animal at the Show and Sale, whether as a result of the negligence of the Charolais Society, the Auctioneers or Elphin Co-Operative Livestock Marts Ltd., or of their respective servants or agents or otherwise.

Males: 1 - 105

Minimum opening bid: €1,800 Minimum selling price: €2,500

Please note that any fertility claims must be notified to FBD Insurance within 3 months of the date of sale (full terms and conditions printed in catalogue).

If you wish to defer the insurance on a bull, please complete the relevant paperwork prior to leaving the mart on day of sale.

Irish Charolais Cattle Society Ltd. CONDITIONS OF SALE

All registered pedigree Charolais animals exposed for sale at sales held under the auspices of the Irish Charolais Cattle Society Ltd., (hereinafter called "the Society") shall be sold subject to and in accordance with the following rules.

These Conditions (and where appropriate at auctions, these Conditions, together with the General Auction Conditions of Sale), form the basis of the contract between the Vendor and the Purchaser, and from the Contract, all conditions and warranties implied under the Sale of Goods Act 1893 and the Sale of Goods and Supply of Services Act 1980 or any other statutory enactment or implied by any law or custom or usage are expressly excluded.

In the event of a Sale by Auction and there arising conflict between these conditions and the General conditions of the Auction, these conditions shall prevail.

The consignor must be a member of the Irish Charolais Cattle Society Ltd.

PEDIGREE

A member (or his/her representative) entering an animal for any sale held under the auspices of the Society must comply with the following rules:

- (a) The pedigree of each animal is guaranteed to be correct by the person whose name appears as Vendor in the sale catalogue,
- (b) No liability whatsoever is undertaken by the Society or the Auctioneers for the accuracy or otherwise of the statements appearing in the catalogue or made at the sale. The vendor is responsible for such statements and for any error, omission or mis-statement.
- (c) The Society reserves the absolute right to take blood samples, hair samples and/or tissue samples from any animal presented at shows and sales and to have the sample/s independently analyzed at a certified Laboratory. A sample will also be given to the Vendor for his/her own use.
- (d) The Council of the Society may, prior to any Sale appoint an Inspector/s to inspect animals forward at the Sale in order to ascertain that such animals are fit for inclusion in the Sale. The Inspector/s so appointed shall be the sole judge/s as to whether or not an animal may be included in the Sale and shall have the power to debar from the Sale any animal which they consider is not of a fit standard. No Vendor will have any claim for damages in respect of any animal, which is rejected until this rule.
- (e) Contravention of any of these Rules shall be reported by anyone having knowledge of the contravention, to the Council of the Society who shall take such action as it considers appropriate and may instruct the Auctioneers to reject the animal from the sale.
- (f) Should any dispute arise as to the identification in the Irish Charolais Herd Book of any animal exposed for sale or as to the pedigree of any such animal, such dispute shall be referred to the Council of the Society or to such sub-Committee as the Council may appoint as Arbiters or Arbitrators and their decision shall be final

VETERINARY

(a) Animals affected with any disease of an infectious nature are strictly prohibited from being brought to any sale held under the auspices of the Society, and should any such animal be knowingly or negligently be brought, the Vendor will be held responsible for all damage or loss occasioned thereby. Affected animals which have been treated may be accepted provided

- they are accompanied by a Vet's certificate, certifying that treatment has been given and the condition is no longer contagious.
- (b) All animals must be TB tested. Entries into the Premier and Christmas Cracker Show/Sale must be export tested.
- (c) All entries must be BVD tested and free of the virus.
- (d) Animals sold as Export Tested must have a valid export certificate which is in-date for a minimum of 3 working days following the sale.
- (e) The Bull and Female Fertility Guarantees as printed apply to the sale.
- (f) All entries for the Premier & Christmas Cracker Show/Sale must be vet inspected.

SALE

- (a) All animals are sold as they stand and the purchaser is deemed to have examined each animal and fully satisfied himself about the animal prior to sale.
- (b) The animals exposed for sale must be the bona fide property of the Vendor/s at the time of sale and free of all liens, charges and encumbrants. The animals must be exposed for sale separately (except that a dam and her calf may be sold together if so stated in the catalogue) according to the numbers in the catalogue, except in the case of the male and female champions.
- (c) The highest bidder shall be declared the Purchaser. In the event of any dispute the Auctioneer shall have absolute discretion either to settle the dispute or re-offer the animal immediately. The Auctioneers reserve the right to refuse any bid without giving a reason for so doing.
- (d) All lots will be sold in Euro. A commission of 5% of the purchase price is payable by the Purchaser. The commission of 5% is payable by the Purchaser on all animals purchased including those purchased privately on the sale premises at the time of sale.
- (e) Each animal forward at the Sale must be offered for sale by auction before any private sale shall be permitted or recognised by the Auctioneers.
- (f) Immediately after the sale of an animal the purchaser shall:-
 - sign the sale card is so required.
 - (ii) give his/she full name and address and proof of identity to the Irish Charolais Cattle Society and/or the Auctioneers if so required.
 - (iii) pay the full price (including 5% commission) and VAT if applicable to the Auctioneer/Mart/Society.
 - (iv) On the full full price (including the 5% commission) being paid, the Purchaser shall receive from the Auctioneer/Mart/Society a written removal order and shall at his/her own expense remove the animal on the day of the sale or within such period as may be laid down by the Auctioneer at the commencement of the Sale.
 - No animal shall be removed without the Auctioneer/Mart/Society's written removal order and any animal so removed shall be recovered by the Auctioneers summarily without further warrant.
- (g) In the event of any Purchaser not paying for and/or not removing the animal purchased in compliance with the preceding Clause, hereof the Auctioneers of the Society in their opinion may, without the consent of the Vendor either (i) sue the Purchaser for the price and interest there on from the date of sale at the rate of 18% per annum and for the keep of and any other expenses incurred by them in connection with such animal or (ii) resell the animal either publicly or privately and on behalf of the vendor recover from the defaulting purchaser the deficiency (if any) attending such resale and interest thereon as aforesaid together with the keep and all other expenses. The defaulting Purchaser shall have no defense to the action taken by the Auctioneers or the Society. In the event of there being any surplus after paying interest, keep and other expenses as aforesaid, such surplus shall be paid to the defaulting Purchaser.

- (h) All animals are at the risk of the Vendor before Sale. Animals stalled in the Mart/Sale premises over night are strictly at the risk of the Vendor prior to the sale and at the risk of the Purchaser following the fall of the hammer. Immediately after the purchase of each animal is declared, the risk of the animal shall pass to the Purchaser, but until the price is paid the right of property shall not pass and delivery of the animal may be suspended. "Vendor's risk" and "Purchaser's risk" shall mean respectively "risk of any damage or injury to the animal itself, other animals, persons, property, vehicles, etc., resulting from disease, accident, negligence of the auctioneers, the Society, the Mart or of their respective servants or agents or occurring in any other way whatsoever"
- (i) In the case of animals sold privately within the premises of the Auctioneers/Mart the risk and the passing of the property thereof shall be governed by the bargain made between the parties and the application of the Rule in the preceding clause shall be subject to such bargain.
- (j) No undertaking by the Auctioneers, the Mart or the Society or their servants to take charge of any animal after the sale or to forward it to its destination shall be held to impose upon the Auctioneers, the Mart or the Society any legal obligations or invalidate any of these Rules.
- (k) Apart from the Male and Female breeding guarantees as laid down in these Rules all animals are sold as the stand and the Purchaser is deemed to have examined each animal and fully satisfied himself about the animal prior to sale. Purchasers are invited to insure against risks connected with their purchase at their own expense.
- Purchasers have one hour from the fall of the hammer to make complaints/objections, which
 must be in writing to the Auctioneer's office at the sale premises.
- (m) The guarantees required by the Society in conditions of entry for official sales and given by the Vendor, are binding only between the Vendor and the Purchaser during the period of the guarantee.
- (n) If any person shall purchase a lot and not pay for it, nothing contained herein shall preclude the Auctioneers or the owner of the lot from compelling the purchaser to pay for it. Alternatively if the Auctioneers or Vendor shall so think fit, the lot may at any time be resold by public or private sale and the deficiency (if any) attending such re-sale shall be immediately made good by the defaulter at this sale
- (o) No money will be paid to the Vendor of any lot unless the lot be paid for and cleared by the Purchaser. The Auctioneers, the Mart or the Society will not be answerable for any deficiency that may arise on the re-sale of uncleared property, nor will the said parties be responsible for the price of any lot delivered without the Auctioneer's/Mart's written removal order.

OVERSEAS PURCHASERS AND RE-TESTS

- (a) All animals sold for export are offered for sale subject to passing the required tests for export. Any other test/re-test required by the Purchaser must be arranged with the Vendor/s prior to sale and notified to the Auctioneers/Mart in writing.
- (b) All tests/re-tests must be carried out within six months after the day of sale. If the Purchaser does not test/re-test within the six months period he is bound to accept and pay for the animal unless otherwise agreed with the Vendor.
- (c) All tests/re-tests must be carried out on the premises of the Vendor. Before any test/re-tests are carried out the Purchaser must have deposited with the Auctioneers/Mart 25% of the purchase price this deposit must be paid to the Auctioneers/Mart on the day of sale. The remainder of the purchase price will fall due to be paid whenever the results show that the animal has passed those tests required under the test/re-test agreement. In the event of the animal failing to pass the test/re-test the sale will be cancelled and the deposit refunded (unless otherwise agreed by the Vendor).
- (d) The full purchase price and any expenses payable by the Purchaser will be paid to the Auctioneers/Mart before the animal will be exported from the Republic of Ireland.

COMMISSION

All animals will be sold in Euro \pm 5% commission. This includes animals, which may be sold privately on the premises at the time of the sale.

GENERAL

- (a) Without prejudice to the foregoing Rules it is hereby expressly declared that the Vendor by selling and the Purchaser by purchasing any animal shall be bound by the above Rules notwithstanding the terms of any statutory enactment or custom of trade to the contrary.
- (b) The Auctioneer is Judge of the Sale, to whom all disputes and differences of any kind which may arise at and in relation to the Auction, wither between Vendors and bidders or among bidders themselves shall be referred and his/her decision, shall be final and binding on all parties.
- (c) Any dispute as to any matter for the settlement of which no provision is made in these Rules shall be referred to an Arbiter or Arbiters to be appointed, failing agreement between or amongst the parties, by the Auctioneers or by the Society. The decision of the Arbiters so appointed shall be final and binding on all parties to the dispute. Any Arbitration under this Clause shall be subject to the provision of the Arbitration Act for the time being in force in the Republic of Ireland and shall be deemed to be a reference to Arbitration thereunder.
- (d) The Auctioneers act as Agents for the Vendors and any action taken by a Purchaser must be against the Vendor and not against the Auctioneers, the Mart or the Society and vice verse. No responsibility whatever rests with the Society, the Mart or the Auctioneers in regard to the qualifications of the animals sold by Auction and all purchases must be made on this distinct understanding.
- (e) Original importations cannot be exported.
- (f) Vendors must leave each of their sold animals with a strong halter suitable for transit. Vendors not complying with this Rule will be subject to a fine of 20.00/euro per animal.
- (g) Neither the Society, the Auctioneers or the Mart shall be responsible for any injury, damage or loss sustained by any person or animal on the premises of the Auctioneers or the Mart whether as a result of the negligence of the Auctioneers, the Mart or the Society or of their respective servants, or Agents or otherwise.
- (h) The Irish Charolais Cattle Society Ltd., the Auctioneers and the Mart cannot accept any responsibility for loss or damage to cards, trailers, lorries or any other property.

FEMALE FERTILITY GUARANTEE

Any cow or heifer that is stated by the Vendor as having been served or artificially inseminated not less than 12 WEEKS before the date of the sale shall be guaranteed by the Vendor to be in calf to the service date or date of artificial insemination and to the bull stated, unless any alteration to the service particulars is announced from the rostrum or by the Vendor at the time the animal is sold.

Claims on females in this section must be made by 6.00pm, or within one hour from the fall of the hammer, on the day of sale.

The term "running with the bull" implies no guarantee of pregnancy unless specifically stated by the Vendor at the time of sale. Neither shall the provision by the Vendor of a certificate of positive pregency diagnosis imply any such guarantee, this being merely an expression of opinion.

All heifers sold as un-served shall be so guaranteed.

All heifers, unless sold suckling their dams, carry a guarantee of fertility.

Calves, sold suckling their dams are given to the Purchser free. No guarantees apply unless specifically given by the Vendor at the time of sale.

TIME LIMITS

Any heifer, which is calved down prior to attaining the age of 36 months, shall be deemed to be fertile for the purpose of this guarantee.

Claims in the case of a maiden heifer which proves incapable of breeding because of malformation or abnormality of the genital system, shall be made not before the animal reaches 27 months of age and no claim will be admissible after the animal has attained 36 months of age.

In the case of a heifer sold as un-served and which subsequently proves to be in calf, a claim must be made within six calendar months of the date of sale.

COWS

In the case of a female sold as being certified in calf all claims must be made by 6pm on the day of sale or within one hour of the fall of the hammer on the day of sale.

All other unserved cows are guaranteed fertile up to a maximum of 6 calendar months from the date of the last calving.

Claims under this clause must be made within this time period.

No claim will be admitted under these rules where it can be proven that a cow or heifer is carrying a mummified calf, or has aborted or re-absorbed a foetus and no guarantee is given or implied that any cow or heifer will carry a calf full time.

Females that do not calve to the stated service or insemination date must be notified to the Vendor and/or Society within two calendar months of the date that the animal should have calved according to the particulars of service or insemination stated in the sale catalogue. In all such cases no claim will be admissible unless there is an interval of more than four weeks between the presumed due date (according to the stated particulars of service or insemination) and the actual calving date. The gestation period for pedigree Charolais cattle is 286 days. In the case of a cow or heifer which calves at a later date than the expected due date (according to the stated particulars of service or insemination) the onus of proving the identity of the sire shall be upon the vendor.

All claims, which may be competent under the Female Fertility Guarantee, must be submitted in writing to the Vendor and the Secretary of the Society. In respect of females purchased for export a claim must be made prior to the shipment of the animal.

Claims must be accompanied by a Veterinary Certificate, a note of all natural services and artificial inseminations and veterinary treatments by the Purchaser or his Veterinary Surgeon.

In notifying a claim the Purchaser must allow access to the Vendor and/or his Veterinary Surgeon, to the animal, with the rules of good pedigree animal husbandry applying at all times.

To establish a claim the Purchaser and Vendor shall mutually agree upon a Veterinary Surgeon to examine the animal and failing agreement within three weeks after the receipt of the claim by the Society, a Veterinary Surgeon shall be appointed by the Society. In his certificate the Veterinary surgeon must state or not the condition of the animal was due to any injury or disease contracted since the sale. Should the Veterinary surgeon's certificate establish the Purchaser's claim the Vendor shall be bound to accept delivery of the cow or heifer (subject to the Dept. of Agriculture regulations under the Bovine T.B. eradication and Brucellosis eradication schemes) and refund to the Purchaser the full purchase price of the animal which shall be at the Vendor's risk 7 days from the date of the notification to the Vendor of the Veterinary Surgeon's decision. Failing agreement between the Vendor and the Purchaser the Society shall decide by which part the Veterinary Surgeon's fees and expenses shall be paid and this decision shall be final and binding on both parties.

WARRANTY

Safe as hereinafter provided no warranty whatever is given as to the performance or fertility of any bull.

BULL FERTILITY GUARANTEES

The insurer named assumes all responsibility in connection with any liability associated with the purchase price of any bull sold through the ring which rendered infertile subject to the condition outlined below.

GUARANTEE

The insurer guarantees that each bull is capable of getting stock, by natural service, from fourteen months of age which shall be deemed to be fulfilled as soon as five females or fifty per cent, whichever is the lesser number of animals put to the bull are in calf to the bull by natural service subsequent to the Sale.

While all bulls are sold as potential breeding stock, due to their age at the time of Sale, their fertility cannot be proven. The guarantee and indemnify provided is for the purchase price (submitted by the Irish Charolais Society) of the bull only and any cost associated with the validation of a claim or consequential losses are excluded.

CONDITIONS

- (1) That they apply to bulls bought for export only so long as they remain in the Island of Ireland.
- (2) That incapacity due to injury from whatever cause, or to illness suffered or contracted after the date of sale is not covered by the Guarantee

The foregoing guarantee is subject to the following conditions: -

- (a) The bull shall be fairly tried with a view to him putting a female in a state of pregnancy by natural service within two months of the date of sale, or within two months of attaining the age of fourteen months, whichever is the later. . For the purposes of this guarantee a bull shall not be deemed to be "fairly tried" when less than three female animals in season have been properly presented to or run with the bull.
- (b) If, upon purchase of the bull, it is found impracticable for the Purchaser to fairly try the bull within the period stated at (a), due to the Purchaser's normal calving programme, the Insurers must be informed in writing immediately after the Sale by the Irish Charolais society by way of a deferral form completed by the purchaser, of the month in which it is proposed to commence using the bull. The date of commencement of the trial period may be extended to the first day of the month in which the Purchaser has notified them as aforesaid that he proposes to commence using the bull.
- (c) The Purchaser shall give notice to the Insurers of an inability of the bull to put a female in a state of pregnancy by natural service, or a suspected inability in this respect not before the expiration of one month nor after the expiration of three months from the date of sale or of the bull attaining fourteen months, or any extension of the commencement of the trial period granted pursuant to (b) above, whichever is the later.
- (d) On receipt of the notice referred to in (c) the Insurers may request at the insurers discretion any of the following at the purchasers own expense in order to validate the fertility of the bull and submitted to the Insurers within 30 days of the date of notification
 - (i) Bull fertility test and associated report
 - (ii) Certificate and report by a qualified veterinary surgeon declaring that the inability to put a female in a state of pregnancy by natural service is not the result of injury,

accident, disease or neglect happening after the sale, and that he has examined the females on which the bull has been tried and has found them in a normal breeding condition and that they are not responsible for the bull's inability to put a female in a state of pregnancy by natural service.

- (iii) Scanning report
- (e) The Purchaser shall (if required) allow a Veterinary Surgeon appointed by the Insurers to examine and try the bull.
- (f) The insurer retains salvage of any bull subject to a claim or deducts the salvage value from any claim settlement
- (g) All claims will be between the Purchaser and the Insurer. The insurer will not be under any liability whatever to the Purchaser in respect of any loss sustained by the Purchaser however this loss arises and whether it be consequential or otherwise.
- (h) All veterinary regulations under the Guarantees must be strictly adhered to and the rules of good pedigree animal husbandry must apply at all times.
- Under no circumstances will the insurer be liable for more than the purchase price of the animal.
- (j) The guarantee does not apply to animals re-sold during the period of the guarantee, the new Purchaser will not be entitled to the benefit of the guarantee. The guarantee will expiry in these instances.

The Insurers referred to in this guarantee are:

FBD Insurance Plc., FBD House, Bluebell, Dublin 12. Tel. 01 – 4093200

FBD Insurance Plc is regulated by the Central Bank of Ireland

GENERAL

- (a) In cases where the Vendor insures against his liability under the Guarantees the Insurers shall take over the whole rights and Liabilities of the Vendor under the Guarantees and Procedure Rules.
- (b) All veterinary regulations under the Guarantees must be strictly adhered to and the rules of good pedigree animal husbandry must apply at all times.
- (c) Under no circumstances will the Vendor be liable for more than the purchase price of the animal.
- (d) The guarantees required by the Society in conditions of entry for official sales and given by the Vendor, are binding only between the Vendor and the Purchaser during the period of the guarantee. Should an animal be re-sold during the period of the guarantee the new Purchaser will not be entitled to the benefit of the guarantee unless the Vendor in a written instruction to the official Auctioneers of sale agrees that the guarantee shall be binding as between him and the new Purchaser.
- (e) The Auctioneers shall be entitled to charge VAT in accordance with Government Order relating thereto in force at the time.

FOR THE IRISH CHAROLAIS CATTLE SOCIETY LTD. AND AUCTIONEERS SO APPOINTED BY THE SOCIETY.

SAFETY STATEMENT – PLEASETAKE NOTE

- Safety is a priority and all attending this show/sale should be aware of safety at all times
- Caution and care needs to be exercised at all times particularly at livestock events such as this.
- Children must be accompanied and under the strict supervision of a competent adult at all times.
- Older children up to and including the term "minors" should not be involved with any work activity involving cattle at this event.
- Please do not enter either the show or sale rings.
- Please keep behind barriers/rope/railings etc. at all times.

€URO STAR INDEX

Background

The Suckler Beef Value Index and its 5 sub-indexes were launched in 2007. Since then a full review of the beef breeding indexes was carried out, which had 3 components:

- 1) Update of the economic values used for each trait
- 2) Review of the genetic evaluation which produce the predicted transmitting abilities
- 3) Exploration of alternative indexes to the SBV

The \upbeta uro Star review group recommended the replacement of the Suckler Beef Value with 3 new indexes:

Terminal Index. This index should be used for selecting sires to breed calves which are destined for slaughter. This index is composed of with traits of which three are calving traits (calving difficulty, gestation and mortality) and five are beef production related traits (docility, feed intake, carcass weight, carcass conformation and carcass fat).

TERMINAL INDEX – RELATIVE EMPHASIS FOR KEYTRAITS

Trait Type	Made up of these traits	Relative
		Emphasis %
Calving Traits	Calving difficulty (direct and maternal), gestation and mortality	25%
Docility	Weanling Docility	2%
Beef	Carcass Weight, Carcass Conformation and Carcass Fat	57%
Feed Intake	Weanling, Replacement Heifer and Cow Intake	16%

2) MATERNAL INDEX. This index should be used for selecting sires with the intention of keeping all daughters as replacement females in the herd. This index is composed of 25 separate traits. Eight traits relate to the male progeny produced by a bull which are slaughtered (calving difficulty, gestation, mortality, docility, feed intake, carcass weight, carcass conformation and carcass fat). (These are the same traits used in the Terminal index).

Nine of the traits are related to the daughters of the bull who become replacements. (Heifer intake, age of first calving, maternal calving difficulty, maternal milk, calving interval, survival, cow docility, cow intake and cull cow weight). The remaining 8 traits are the same as the Terminal index also but they relate to the calves which these daughters produce (calving difficulty, gestation and mortality docility, feed intake, carcass weight, carcass conformation and carcass fat). All traits in the Terminal index are also in the Maternal Index to reflect all the downstream consequences of selecting a Maternal bull.

MATERNAL INDEX – RELATIVE EMPHASIS FOR KEYTRAITS

Trait Type	Made up of these traits	Relative Emphasis %
Calving Traits	Calving difficulty (direct and maternal), gestation and mortality	16%
Docility	Weanling and Cow Docility	4%
Beef	Carcass Weight, Carcass Conformation and Carcass Fat and Cull Cow Weight	21%
Milk	Daughters Milkability	18%
Daughters Fertility	Age 1st calving, calving interval, survival	23%
Feed Intake	Weanling, Replacement Heifer and Cow Intake	18%

It is important to note that the Terminal index is expressed in terms of profitability per progeny born to a sire whereas the Maternal index is expressed in terms of profitability per replacement heifer from the sire over her lifetime including all of her calves.

Please Note —When reading the indexes associated with each animal as printed in this catalogue it is very important to take note of the reliability figure associated with them. Low reliability figures mean low level of data thus the figures may change considerably in the future (either up or down).

It is also important to note that the indexes of all animals, may change over time and the indexes printed in this catalogue are only as accurate as of time of printing.

FIVE STAR ARE BEST FOR ALLTRAITS

5 stars	An animal is in the top 10% of the breed for that trait
4 ½ stars	An animal is in the top 15% of the breed for that trait
4 stars	An animal is in the top 20% of the breed for that trait
3 ½ stars	An animal is in the top 30% of the breed for that trait
3 stars	An animal is in the top 40% of the breed for that trait
2 ½ stars	An animal is in the top 50% of the breed for that trait
2 stars	An animal is in the bottom 40% of the breed for that trait
1 ½ stars	An animal is in the bottom 30% of the breed for that trait
1 star	An animal is in the bottom 20% of the breed for that trait
½ star	An animal is in the bottom 10% of the breed for that trait

FIGURES IN THE INDEX VALUE COLUMN RELATE TO THE STAR RATINGS

Expected Progeny Performance

Calving Difficulty	Charolais Breed Average	The lower the figure the more easy
	7.25%	calving the animal is (eg 5.25% is easier than 11.25%)
Docility (1-5 Scale)	Charolais Breed Average 0.04	The higher the figure the more docile the animal (eg 0.06 is better than 0.03)
Carcass Weight (kg)	Charolais Breed Average 31.75kg	The higher the figure the better (eg +32.92 is better than +31.88kg)
Carcass Conformation (1 – 5 scale)	Charolais Breed Average 1.84	The higher the figure the better (eg +2.1 is better than +1.9)

Expected Daughter Breeding Performance

Daughter Calving Difficulty	Charolais Breed Average 5.31%	The lower the figure the better (eg 3.82% is better than 4.95%)
Daughter Milk (kg)	Charolais Breed Average -4.53kg	The lower the (-) figure the better (eg -3.8kg is better than -5.65kg)
Daughter Calving Interval (days)	Charolais Breed Average -0.74	The lower the figure the better (eg -0.90 days is better than +0.45 days)

Whole Herd Performance Recording (WHPR) Stamp

As you look through this sale catalogue you will notice a stamp attached to the €uro-Star index of certain animals. This stamp is assigned to animals whose Breeder's signed their herd's up to the ICBFW



their herd's up to the ICBF WHPR program and the animal was at least weighed by ICBF.

Background

The ICBF Whole Herd Performance Recording Program (WHPR) was set up ICBF with 3 main goals:

- Reward Breeders: Give Pedigree Breeders the real reward of promoting their bulls for sale to commercial suckler farmers.
- Accurate Data: Ensure that the data recording in these herds is done in an accurate and timely manner.
- Data that's recorded must be relevant to the 'Replacement' & 'Terminal' Indexes that ICBF produces on them. In particular, the data must put more emphasis on maternal traits such as milk and fertility.

So what exactly does the stamp mean?

The stamp flags animals whose Breeder's have voluntarily signed up to the ICBF WHPR programme and the animal itself has been independently weight recorded by ICBF. ICBF monitor the data recording in these herds and carry out random 'Spot Checks' in these herds. Herds that fail to meet certain requirements will not be allowed remain in the programme. All participating herds will receive a whole herd scoring and weight recording session from ICBF.

It is important to note , however, that a stamp does not necessarily guarantee an animal of high genetic merit. The Euro-Star figures and appearance of an animal should be taken into account before making a purchase.

What else will the programme do?

Buyer Confidence: A bull purchased with a 'WHPR' stamp will have been at least weighed by ICBF. This data will be publically displayed by ICBF so a purchaser is fully aware of all available data before making a purchasing decision.

Stockbull Finder: After the WHPR visit, all young bulls from the herd will also be automatically put up for sale on the ICBF 'Stockbull Finder' search engine on the ICBF website. The 'Stockbull Finder' is the only search engine for young Stockbulls in Ireland where all of the bulls have been

independently weighed by ICBF.

Stockbuli Finder

€uro-Stars Reliability %: Scoring & Weighing will increase the reliability % of an animal's €uro-Stars. The €uro-Stars of low reliability animals are more likely to change.

Gene Ireland Young Bull: ICBF will also monitor these herds for potential elite breeding bulls. The best bulls from these herds will be selected by a breed committee. Following a full progeny test, complimentary semen from these bulls will only be made available for pedigree matings to breeders who are also in the WHPR programme.

All pedigree breeders are invited to join the programme. For further information please contact ICBF at 023-8820452 or the Irish Charolais Cattle Society on 01-4198050.

Genotyping Symbol

As you look through this catalogue you will see a Genotyped stamp attached to the £uro-Star index of certain animals. This stamp is assigned to animals which have been genotyped and the results of which have been included in the evaluations.



Lot	Vendor
23	John J Gallen (Fara) - Meenagoland Killygordon Lifford Co Donegal
21	David Abbott - Woodview House Drumcrow Killeshandra Cavan Co Cavan
69	Stephen Bourke - Rathlacken Carrowmore Lacken Ballina Co Mayo
2, 78, 81	Vincent Callaghan - Tullinacurra Swinford Co Mayo
102	Ronan Carey - Sion Hill Killucan Co Westmeath
12	Seamus Carolan - Rake St Castlehill Ballina Co Mayo
57	Oliver Conway - Scardaune Claremorris Co Mayo
88	Ciaran Daly - Tawnytallan Tullaghan Leitrim Co Leitrim
97	Cathal Duignan - Laheen House Eslin Bridge Carrick-On-Shannon Co Leitrim
82	Robert John Dunne - Corporation Lands Belturbet Co Cavan
64	David Erskine - Crosses Monaghan Co Monaghan
36	Stephen Farrelly - Crossdrum Oldcastle Co Meath
18, 19, 27, 60	Brendan Feeney - Scurmore Enniscrone Co Sligo
32, 72	Mr John Fleury - Coagh Killyon Birr Co Offaly
9	William Flynn - Tullyvillage Newbridge Ballinasloe Co Galway
28	William Foster - Berrymount Ballyconnell Co Cavan
30	Patrick Fox - Leggatinty Frenchpark Castlerea Co Roscommon



manage and a second	
Lot	Vendor
37	Nell Gallagher - Middletown Malin Head Co Donegal
4	Noel Galvin - Carraigín Lackenavea Birdhill Co Tipperary
51, 53, 71	Jim Geoghegan - Lisnagree Streamstown Mullingar Co Westmeath
61	William Gubbins - Cush House Kilfinane Co Limerick
99	Richard Hackett - Coolistigue Clonlara Co Clare
26	Charles Harkin - Cashelhill Falcarragh Letterkenny Co Donegal
101	Tim Higgins - Drumadorn Cloone Carrick On Shannon Co Leitrim
92	Martin Hughes - Pottereagh Cootehill Co Cavan
20	Elizabeth Hughes - Pottlereagh Cootehill Co Cavan
75	Basil Kells - Bohora Derrylane Killeshandra Co Cavan
50	Sean Kelly - Ballynahia Lisnalong Co Monaghan
33	Michael Kiernan - Augharan Carrigallen Po Via Cavan Co Leitrim
58	Sean & John Kingham - Corcullioncrew Culloville Castleblayney Co Monaghan
93	Gerald Lavin - Creevagh Ballyfarnon Boyle Co Sligo
6	Patrick Loftus - Drumbrade Ballinagh Co Cavan
65	Gerard Lynch - Moymore Tulla Ennis Co Clare
87	Aiden Mac Hale - Knockanillaun Ballina Co Mayo



Lot 66	Vendor Kenneth & David Magee - Cornacrum Ardlougher Ballyconnell Co Cavan
54	Christopher Marron - Corbane Shantonagh Castleblayney Co Monaghan
3	Noel Maxwell - Carrickbrack Convoy Lifford Co Donegal
68, 70	Ian Maxwell - Carrickbrack Convoy Lifford Co Donegal
73	Geremy Mc Gonigle - Rosscatt Rossnowlagh Donegal Co Donegal
103, 105	Vincent Mc Brien - Camber Corriga Co Leitrim
10, 41, 42, 43, 48, 79	Patrick Mc Clean - Roughan Newtowncunningham Lifford Co Donegal
47	Michael Mc Girl - Drumany Aughnasheelin Carrick-On-Shannon Co Leitrim
15	Eoin Mcgovern - Kilmore Fivemilebourne Via Sligo Co. Leitrim
11	Thomas Mc Gowan Jr - Coolnashanna Rooskey Co Roscommon
76	Padraig Mc Grath - Cloonshannagh Elphin Co Roscommon
80, 85, 86	Tommy Mclaughlin - Ballygorman Malinhead Lifford Co Donegal
98	Peter Mc Loughlin - Lakeview Clonandra Redhills Co Cavan
77, 94	Niall Mc Nally - Derryolam Carrickmacross Co Monaghan
83	Patrick Pearse Mcnamee - Kiltole Convoy Lifford Co Donegal
104	John Barry Moran - Brocka Fardrum Athlone Co Westmeath
40	Michael P Mullen - Murvey Roundstone Co Galway



Lot	Vendor
59	James Mulrennan - Liosnanean Elphin P O Co Roscommon
56	Benedict Mulrennan - Lisnaneane Elphin Co Roscommon
95	Richard Murray - Castleboy Kilchreest Loughrea Co Galway
7, 96	Michael Nerney - Chapel Street Elphin Castlerea Co Roscommon
31, 38, 39, 91	Harry Noble - Kilcoursey Edgeworthstown Co Longford
22, 29	Joseph O'Reilly - Brickeens Kenagh Co Longford
14, 16, 17, 74	Michael J Quin - Clenagh Newmarket On Fergus Co Clare
25	Eamonn Quinlivan - Liscullane Tulla Co Clare
1, 5, 8, 13, 44	Louise Quinn - Ballymoran House Edenderry Co Offaly
46	Lewis Regan - Tawley Castlegal Co Leitrim
24	Michael Reynolds - Bunnymore Eslin Carrick On Shannon Co Leitrim
62, 63, 90	Matt Ryan - Clonismullen Drom Borrisoleigh Thurles Co Tipperary
45, 49, 52	Martin Ryan - Copperfield House Cabra Thurles Co Tipperary
67	John Searson - Sheehills Roscrea Co Tipperary
34, 35	Edward Walsh - Aghafad Carrickmacross Co Monaghan
84	Peter West - Cormeen Aughnamullen Co Monaghan
89, 100	Alan Wood - Cloonamine House Crossmolina Co Mayo



Lot Vendor

55 Adam Woods - Breandrum Ballyconnell Co Cavan

Lot 1 BALLYM MUSIC ID: IE301515180405 **Breed:** Charolais Twin to Male Sex: Male DOB: 01-Apr-2016 Owner: Louise Quinn - Ballymoran House Edenderry Co Offaly Breeder: Port Royal Sire: Balthazar Verlaine Poesie CF85 Romain Tetanie Marine Sublime Dam: Ballym Georgia **Ballym Bouvreuil** IE301515140186 Martinique Anneskeagh Oscar Anneskeagh Sahara Anneskeagh Noreen Star rating (across all beef breeds) Star Rating (Within €uro value Index **Economic Indexes** Reliability per progeny Charolais breed) €121 46% $\star\star\star$ **Terminal Index** **** (Average) -€15 46% \star Replacement Index (Average) **Maternal Cow Traits:** -€84 46% Maternal Progeny Traits: €68 46% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +10% 46% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) ** \star Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% **** **** +39kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +2 05 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 45% (Average) +6.8% Breed ave: 5.33%, All breeds ave: 5.88% * \star Daughter Milk (kg) -7.3ka 49% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg $\star\star$ $\star\star$ Daughter calving interval (days) +0.66davs 44% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 2 TONROE MARSHALL ID: IE272111850232 **Breed:** Charolais Sex: Male **DOB**: 04-Apr-2016 Owner: Vincent Callaghan - Tullinacurra Swinford Co Mayo Breeder: Hermes Sire: Tonroe Eminem **Doonally New** Intruse S2139 Pirate Cranareen Vera Cranareen Siobhan Dam: Tonroe Freda Lvonsdemesne Tzar IE272111830148 Kilboy Frivole (Imp 91f) **Dovea Gin Tonic** Rathoonagh Sally Rathoonagh Olive Star Rating (Within €uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability Charolais breed) per progeny €161 44% **** **Terminal Index** **** (Average) 41% €92 **** **** Replacement Index (Average) **Maternal Cow Traits:** -€13 40% **Maternal Progeny Traits:** €105 45% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +6.2% 49% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 45% **** **** +40kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 45% **** +2 05 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4 92% 39% Breed ave: 5.33%, All breeds ave: 5.88% (Low) ** \star Daughter Milk (kg) -5.7ka 42% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -1.75davs 39% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

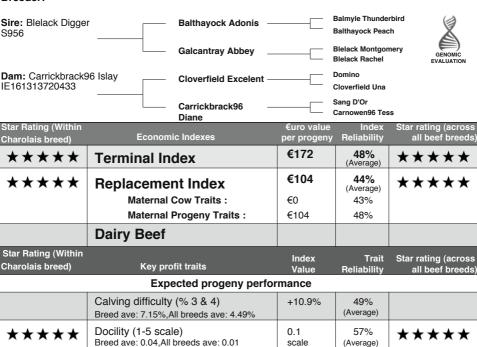
Lot 3 CARRICKBRACK96 MAGIC

 ID:
 IE161313710531
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 07-Apr-2016



Owner: Noel Maxwell - Carrickbrack Convoy Lifford Co Donegal



Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+4.82%	40% (Average)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-3.8kg	44% (Average)	*
***	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-1.48days	37% (Low)	****

Additional Information:

Value	Reliability
119	54%
131	52%
88	27%
	119 131

Animal scored. Linear scores and weaning weights in evaluations

Carcass weight (kg)

Breed ave: 31.75kg, All breeds ave: 14.99kg

Carcass conformation (1-15 scale)

Breed ave: 1.84, All breeds ave: 1.33

Herd data quality index

53%

47%

(Average)

(Average)

+54kg

+2 27

scale

N/A

Lot 4 KILTANANLAE MARTIN ET ID: IE331468480181 **Breed:** Charolais Sex: Male **DOB**: 16-Apr-2016 Owner: Noel Galvin - Carraigín Lackenavea Birdhill Co Tipperary Breeder: Aimable Sire: Enfield Plexus Domino Anemone PXU Souverain Chloe Penelope Dam: Kiltananlae Hellen Et Maerdy Sinndar IE331468420135 Lubie Doonally New **Ashleigh Cherub** Ashleigh Pearl Star Rating (Within €uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) Charolais breed) per progeny €134 36% *** **Terminal Index** **** (Low) -€4 36% \star Replacement Index \star (Low) **Maternal Cow Traits:** -€82 36% Maternal Progeny Traits: €77 36% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +10.45% 37% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 38% **** **** +40kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 37% **** +2 09 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5.73% 36% Breed ave: 5.33%, All breeds ave: 5.88% (Low) * \star Daughter Milk (kg) -7.6ka 37% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +1.67davs 34% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 5 BALLYM MURPHY ID: IE301515180413 **Breed:** Charolais Sex: Male DOB: 26-Apr-2016 Owner: Louise Quinn - Ballymoran House Edenderry Co Offaly Breeder: Aimable Sire: Lisnagre Elite (Et) Domino Anemone LGL Jupiter Ballydownan Violet Ballydownan Simone (Et) Dam: Ballym Fabalou **Ballym Bouvreuil** IE301515180165 Martinique Rosanna Magic Kalahari Roxanne Newton Oomph Star Rating (Within €uro value Index Star rating (across Economic Indexes Reliability all beef breeds) per progeny Charolais breed) €123 47% $\star\star\star$ **Terminal Index** **** (Average) €37 46% *** Replacement Index (Average) **Maternal Cow Traits:** -€36 46% Maternal Progeny Traits: €73 47% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8.9% 49% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** ** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% **** **** +38kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% *** +179**** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 45% (Average) +6 45% Breed ave: 5.33%, All breeds ave: 5.88% * \star Daughter Milk (kg) -7ka 49% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg **** **** Daughter calving interval (days) -2.9davs 43% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 6 ALACKEN MEL ID: IE121283110548 **Breed:** Charolais Sex: Male **DOB:** 01-May-2016 Owner: Patrick Loftus - Drumbrade Ballinagh Co Cavan Breeder: Aimable Sire: Lisnagre Elite (Et) Domino Anemone LGL Jupiter **Ballydownan Violet** Ballydownan Simone (Et) **Doonally New** Dam: Alacken Ciara Lauel Aidan IE121283160263 **Drumagoland Patsy** Meillard Ri **Heathvale Thelma** Liscally Nymph (Et) Star Rating (Within €uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €146 47% **** **Terminal Index** **** (Average) €48 46% *** Replacement Index (Average) **Maternal Cow Traits:** -€40 46% Maternal Progeny Traits: €88 47% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +9.3% 50% (Average) Breed ave: 7.15%, All breeds ave: 4.49% **** Docility (1-5 scale) **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% **** **** +40kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +2 21 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 46% (Average) +6.08% Breed ave: 5.33%, All breeds ave: 5.88% ** \star Daughter Milk (kg) -5.8ka 49% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -1.28davs 44% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 7 WINDMILL MASTER 3

ID: IE311408990550 Breed: Charolais
Sex: Male DOB: 02-May-2016



Owner: Michael Nerney - Chapel Street Elphin Castlerea Co Roscommon

Breeder:



Charolais breed)	Economic Indexes	per progeny	Reliability	all beef breeds)
****	Terminal Index	€180	48% (Average)	****
****	Replacement Index	€96	45% (Average)	****
	Maternal Cow Traits :	-€18	44%	
	Maternal Progeny Traits :	€115	48%	
	Dairy Beef			

Star Rating (Within		Index	Trait	Star rating (across
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+7.5%	50% (Average)	
**	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.01 scale	57% (Average)	***
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+52kg	52% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.06 scale	48% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+4.17%	42% (Average)	
****	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-1.9kg	47% (Average)	*
*	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+1.62days	39% (Low)	*

Additional Information:

Linear composites	Value	Reliability
Muscle	114	55%
Skeletal	125	53%
Function	108	28%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 8 BALLYM MADISON ID: IE301515110415 **Breed:** Charolais Sex: Male **DOB:** 05-May-2016 Owner: Louise Quinn - Ballymoran House Edenderry Co Offaly Breeder: Oasis Sire: Doonally Donald Savigny CF43 Otarie Rodrigue Tanche Neige Invincible Dam: Ballym Dora **Bova Oniraloin** IE301515110076 Lisbonne Meillard Ri Qubeloco Utopia Anneskeagh Opinion Star Rating (Within €uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability per progeny Charolais breed) €113 47% ** **Terminal Index** **** (Average) 48% €63 *** Replacement Index (Average) **Maternal Cow Traits: -€10** 48% Maternal Progeny Traits: €73 47% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +6.6% 50% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) ** \star Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 48% $\star\star$ **** +30kg Breed ave: 31.75kg,All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) *** 48% +199**** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5.82% 47% Breed ave: 5.33%, All breeds ave: 5.88% (Average) *** \star Daughter Milk (kg) -4.4ka 50% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg **** **** Daughter calving interval (days) -4.89davs 47% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 9 TULLYVILLAGE MILLER ID: IE181948170466 **Breed:** Charolais Sex: Male **DOB:** 07-May-2016 Owner: William Flynn - Tullyvillage Newbridge Ballinasloe Co Galway Breeder: Laurel Sire: Fiston Tinor Odette **FSZ** Populair Baronne Tristesse Meillard Ri Dam: Glebewest Fiona Pirate IE361052320257 Banquise Indurain Cavehill Daisy Inchaguire Sacagawea Star Rating (Within €uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) Charolais breed) per progeny €147 47% **** **Terminal Index** **** (Average) €37 45% *** Replacement Index (Average) **Maternal Cow Traits:** -€54 44% Maternal Progeny Traits: €91 47% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8.3% 50% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% **** **** +37kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +2 24 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +6 27% 44% Breed ave: 5.33%, All breeds ave: 5.88% (Average) * \star Daughter Milk (kg) -7.3ka 47% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -1.32davs 39% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 10 ROUGHAN MACON ID: IE161190742268 **Breed:** Charolais Sex: Male **DOB:** 13-May-2016 Owner: Patrick Mc Clean - Roughan Newtowncunningham Lifford Co Donegal Breeder: Taffetas Sire: Roughan Dix De Coe Vivaldi Opera FR7121558539 Original **Tirelire** Huppe Ronsard Dam: Roughan Delight Roughan Viceroi IE161190781281 Hautesse Regaile Oisin Roughan Rhonda Roughan Noeleen Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) Reliability per progeny Charolais breed) €113 43% ** **Terminal Index** **** (Average) €47 39% *** Replacement Index (Low) **Maternal Cow Traits:** -€27 38% Maternal Progeny Traits: €73 43% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +6.1% 48% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 44% $\star\star\star$ **** +31kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 43% +17 **** $\star\star$ Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4 39% 36% Breed ave: 5.33%, All breeds ave: 5.88% (Low) *** \star Daughter Milk (kg) -3ka 41% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg $\star\star$ $\star\star$ Daughter calving interval (days) +0.53davs 36% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 11 CLOONSHANNA MUHAMMAD ID: IE311385210203 **Breed:** Charolais Sex: Male DOB: 20-May-2016 Owner: Thomas Mc Gowan Jr - Coolnashanna Rooskey Co Roscommon Breeder: Sire: Icare Riseon Regence **ICR** Till Doucette Baladeuse Tullygarley Rollerball Dam: Cloonshanna Hillary Tullygarley Alibaba IE311385230147 Tullygarley Raomi Pirate Cloonshanna Daisy Cloonshanna Abba Star Rating (Within €uro value Index Star rating (across Economic Indexes Reliability all beef breeds) per progeny Charolais breed) €131 46% *** **Terminal Index** **** (Average) €49 45% *** Replacement Index (Average) **Maternal Cow Traits:** -€26 44% **Maternal Progeny Traits:** €75 46% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +10% 49% Breed ave: 7.15%, All breeds ave: 4.49% (Average) Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 46% **** **** +38kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +2 28 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4 04% 44% Breed ave: 5.33%, All breeds ave: 5.88% (Average) *** \star Daughter Milk (kg) -4.6ka 46% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -1.42davs 42% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 12 RICHMOND MARTY ID: IE271110040150 **Breed:** Charolais Sex: Male DOB: 22-May-2016 Owner: Seamus Carolan - Rake St Castlehill Ballina Co Mayo Breeder: Hermes Sire: Derryolam Impeccable **Doonally New** Intruse CH2066 Enfield Hara Kiri Derrvolam Diamond Meath Sheena **Enfield Plexus** Dam: Richmond Florett Richmond Emanual IE271110080121 Richmond Rebeca **Doonally Nicefor** Richmond Urbana Richmond Rita Star Rating (Within €uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €134 26% *** **Terminal Index** **** (Low) €56 22% *** Replacement Index (Low) **Maternal Cow Traits:** -€31 20% **Maternal Progeny Traits:** €87 27% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7% 28% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 29% $\star\star\star$ **** +32.5kqBreed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 26% **** +1.93**** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 12% (V Low) +5.89% Breed ave: 5.33%, All breeds ave: 5.88% **** \star Daughter Milk (kg) -1.1ka 23% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +1.8davs 19% Breed ave: -0.87days, All breeds ave: -0.77days (V Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 13 BALLYM MAYFAIR ID: IE301515190422 **Breed:** Charolais Sex: Male DOB: 30-May-2016 Owner: Louise Quinn - Ballymoran House Edenderry Co Offaly Breeder: Texan-Gie Sire: Goldstar Hector Goldstar Echo Sheehills Ula IE331457430295 Jupiter Goldstar Cosmogirl Cavelands Ruth (Et) Meillard Ri Dam: Ballym Honey Pirate IE301515150220 Banquise Ballym Bouvreuil **Ballym Ester** Anneskeagh Solitaire Star Rating (Within €uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €128 22% *** **Terminal Index** **** (Low) €61 19% *** $\star\star$ Replacement Index (V Low) **Maternal Cow Traits:** -€18 18% Maternal Progeny Traits: €79 23% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8% 29% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 24% *** **** +34kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 23% **** +1.96 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 14% (V Low) +5 28% Breed ave: 5.33%, All breeds ave: 5.88% ** \star Daughter Milk (kg) -5.5ka 25% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg **** **** Daughter calving interval (days) -3.4davs 14% Breed ave: -0.87days, All breeds ave: -0.77days (V Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 14 CLENAGH MAJOR
ID: IE131188130508 Breed: Charolais Sex: Male **DOB**: 02-Jun-2016



	Quin - Clenagh Newmarket On Fergus	Co Clar	е	WHOLE HERD PERFORMANCE RECORDING
Breeder:				
Sire: Cavelands Fer	nian Noaille —		Eddy Janina	
	Cavelands Carena		— Indurain — Cavelands Ulricl	GENOMIC EVALUATION
Dam: Clenagh Ippy IE131188150419	Et Doonally New —		Hermes Intruse	
	Clenagh Vicki —	[Roundhill RockyClenagh Pringle	
Star Rating (Within Charolais breed)	Economic Indexes	€uro v per pro		Star rating (across all beef breeds)
****	Terminal Index	€179	47% (Average)	****
***	Replacement Index	€40	45% (Average)	*
	Maternal Cow Traits :	-€72	44%	
	Maternal Progeny Traits :	€112	47%	
	Dairy Beef			
Star Rating (Within Charolais breed)	Key profit traits	Inde: Value		Star rating (across all beef breeds)
	Expected progeny perfor	mance		
	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+8.4%	50% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.07 scale	47% (Average)	***
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+50kg	g 48% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.3 scale	47% (Average)	****
	Expected daughter breeding	j perfoi	rmance	
	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+7.14	% 43% (Average)	
**	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-5.9kç	g 45% (Average)	*
**	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+0.11	days 39% (Low)	**
Additional Informati	on:		Linear compo	sites Value Reliability

value	Reliability
113	38%
116	38%
117	29%
	113 116

Animal scored. Scores or weaning weights NOT included in evaluation

Herd data quality index

Lot 15 CROSSANE4 MUHAMMAD ALI ID: IE231498560012 **Breed:** Charolais Sex: Male DOB: 02-Jun-2016 Owner: Eoin Mcgovern - Kilmore Fivemilebourne Via Sligo Co. Leitrim Breeder: Uranium Sire: Doonally New Hermes Athena CF52 Campagnard Intruse Dynamo Solwayfirth Union Dam: Portnason Hermione **Thrunton Boniovi** IE161579920460 Thrunton Odaisy Pirate Portnason Elke Portnason Astra Star Rating (Within €uro value Index Star rating (across all beef breeds) Economic Indexes Reliability per progeny Charolais breed) €154 31% **** **Terminal Index** **** (Low) 30% €16 $\star\star$ Replacement Index \star (Low) **Maternal Cow Traits:** -€83 30% Maternal Progeny Traits: €99 31% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7.5% 35% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 31% **** **** +38kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) *** 30% +2 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +3 85% 29% Breed ave: 5.33%, All breeds ave: 5.88% (Low) * \star Daughter Milk (kg) -9.8ka 31% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +2.59davs 30% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 16 CLENAGH MASERATI

ID: IE131188140509 **Breed:** Charolais Sex: Male DOB: 04-Jun-2016



Owner: Michael J Quin - Clenagh Newmarket On Fergus Co Clare

Breeder	
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Star Bating (Within



Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€152	46% (Average)	****
*	Replacement Index	-€8	46% (Average)	*
	Maternal Cow Traits :	-€95	45%	
	Maternal Progeny Traits :	€87	47%	
	Dairy Beef			

• •

Star Hatting (Within		Index	Trait	Star rating (across
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+11.1%	51% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.1 scale	48% (Average)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+46kg	48% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.31 scale	47% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+7.41%	43% (Average)	
*	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-8.2kg	47% (Average)	*
*	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+3.89days	40% (Average)	*

Additional Information:

Linear composites	Value	Reliability
Muscle	126	38%
Skeletal	128	37%
Function	119	25%

Animal scored. Scores or weaning weights NOT included in evaluation

Herd data quality index N/A

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Lot 17 CLENAGH MAGNIFICENT

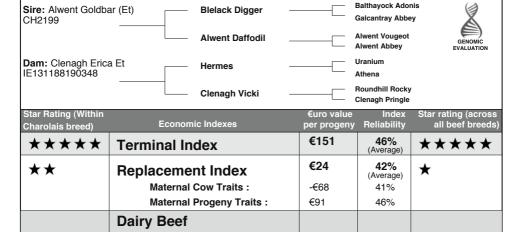
 ID:
 IE131188170511
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 05-Jun-2016



Owner: Michael J Quin - Clenagh Newmarket On Fergus Co Clare

Breeder	
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Expected progeny performance

Key profit traits

Index

Value

Trait

Reliability

Star rating (across

all beef breeds)

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+8.9%	51% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.08 scale	47% (Average)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+46kg	46% (Average)	****
***	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.92 scale	44% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+6.51%	38% (Low)	
**	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-5.7kg	41% (Average)	*
**	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+0.62days	36% (Low)	**

Additional Information:

Star Rating (Within

Charolais breed)

123	39%
121	38%
92	22%
	121

Animal scored. Scores or weaning weights NOT included in evaluation

Lot 18 BOSTONIA MARICIUS II

 ID:
 IE321616590155
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 08-Jun-2016





s



Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€151	22% (Low)	****
****	Replacement Index	€72	16% (V Low)	***
	Maternal Cow Traits :	-€33	13%	
	Maternal Progeny Traits :	€105	22%	
	Dairy Beef			

	•		
tar Rating (Within			

Charolais breed)	Key profit traits	Index Value	Reliability	Star rating (across all beef breeds)
	Expected progeny perfe	ormance		

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+3.9%	21% (Low)	
**	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0 scale	15% (V Low)	***
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+44kg	33% (Low)	****
_	Carcass conformation (1-15 scale)	+1.45	22%	4444

	Expected daughter breeding	performan	ce	
*	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.45 scale	22% (Low)	***
	Dieed ave. 51.75kg, All bleeds ave. 14.99kg		(LOW)	

	Expedied daugnier breeding	j periorilari	CE	
	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+4.31%	6% (V Low)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-4.8kg	18% (V Low)	*
N/A	Daughter calving interval (days) Breed ave: -0.87davs.All breeds ave: -0.77dav	rs	4% (Too Low)	N/A

Additional Information:

Linear composites	Value	Reliability
Muscle	115	50%
Skeletal	126	47%
Function	99	12%
Function	99	12%

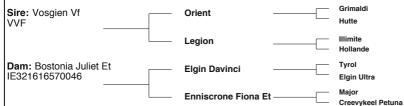
Animal scored. Linear scores and weaning weights in evaluations

Lot 19 BOSTONIA MARIO

ID: IE321616530158 **Breed:** Charolais Sex: Male DOB: 12-Jun-2016







Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€128	29% (Low)	****
**	Replacement Index	€28	20% (Low)	*
	Maternal Cow Traits :	-€46	16%	
	Maternal Progeny Traits :	€75	29%	
	Dairy Beef			

	Dairy Beet
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Star Hating (Within		Index	Trait	Star rating (across
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+10.1%	32% (Low)	
***	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.04 scale	26% (Low)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+46kg	38% (Low)	****
**	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.68 scale	28% (Low)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+4.78%	11% (V Low)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-3.6kg	20% (Low)	*
**	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+0.48days	7% (V Low)	**

Additional Information:

Linear composites	Value	Reliability
Muscle	118	53%
Skeletal	129	51%
Function	96	19%

Animal scored. Linear scores and weaning weights in evaluations

Lot 20 POTTLEREAGH MARTIN

 ID:
 IE121187050308
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 15-Jun-2016



Owner: Elizabeth Hughes - Pottlereagh Cootehill Co Cavan

Breeder	
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Maythorn Topstar

Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€158	51% (Average)	****
**	Replacement Index	€23	50% (Average)	*
	Maternal Cow Traits :	-€77	49%	
	Maternal Progeny Traits :	€101	51%	

Pottlereagh Breege

Dairy	Beet
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Star hatting (Within		Index	Trait	Star rating (across
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)
		_		

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+7.8%	50% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.17 scale	55% (Average)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+41kg	54% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.15 scale	49% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+5.63%	46% (Average)	
**	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-5.6kg	49% (Average)	*
**	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+0.85days	46% (Average)	**

Additional Information:

Linear composites	Value	Reliability
Muscle	120	55%
Skeletal	121	53%
Function	116	32%

Animal scored. Linear scores and weaning weights in evaluations

Lot 21 VILLANOVA MERVIN

ID: IE361431460099 Breed: Charolais Sex: Male **DOB:** 30-Jun-2016



Owner: David Abbott - Woodview House Drumcrow Killeshandra Cavan Co Cavan

Breeder: Daniel Spaight -	Kilkeelan Athboy Co Meath		
Sire: Roughan Garson IE161190791679	Roughan Dix De Coe	Vivaldi Tirelire	
	Roughan Bernadette	Roughan Unique GENOMIC Roughan Princess EVALUATION	
Dam: Mullaghdoo Isla Et IE121264220622	Sesame Sesame	Picador Nefle	
	Mullaghdoo Ulrika	Mullaghdoo Rosetta	
Star Rating (Within	Economia Indoves	€uro value Index Star rating (acro	

Charolais breed)	Economic Indexes	per progeny	Reliability	all beef breeds)
****	Terminal Index	€142	43% (Average)	****
****	Replacement Index	€84	40% (Average)	***
	Maternal Cow Traits :	-€7	39%	
	Maternal Progeny Traits :	€91	43%	
	Dairy Beef			
Star Rating (Within				·· ·

Daily Deel	
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Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)
		Index	Trait	Star rating (across

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+6.4%	44% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.09 scale	54% (Average)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+39kg	47% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.93 scale	41% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%, All breeds ave: 5.88%	+5.49%	36% (Low)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-2.6kg	39% (Low)	*
***	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-0.65days	34% (Low)	***

Additional Information:

Linear composites	Value	Reliability
Muscle	113	52%
Skeletal	116	50%
Function	81	17%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 22 BRICKLAND MASON

ID: IE251110730502 **Breed:** Charolais Sex: Male DOB: 10-Jul-2016



Breeder:



Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€149	28% (Low)	****
*	Replacement Index	€9	25% (Low)	*
	Maternal Cow Traits :	-€82	24%	
	Maternal Progeny Traits :	€91	28%	
	Dairy Beef			

Charolais breed)	Key profit traits	Index Value	Trait Reliability	Star rating (across all beef breeds)
	Expected progeny perfo	rmance		
	0 1 : 1:((: 11 /0/ 0 0 4)			

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+9.6%	31% (Low)			
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	scale	(Low)	****		
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+41kg	34% (Low)	****		
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.09 scale	26% (Low)	****		

Expected daughter breeding performance Daughter calving diff (% 3 & 4) 18% (V Low) +5.76% Breed ave: 5.33%, All breeds ave: 5.88% ** \star Daughter Milk (kg) 27% -6.1kg (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +3.88days 17%

Breed ave: -0.87days, All breeds ave: -0.77days Additional Information:

Linear composites	Value	Reliability
Muscle		
Skeletal		
Function		

Animal not scored.

Herd data quality index N/A

(V Low)

Lot 23 FLOJO MANDELA ET **ID:** IE161384090149 **Breed:** Charolais Sex: Male DOB: 10-Jul-2016 Owner: John J Gallen (Fara) - Meenagoland Killygordon Lifford Co Donegal Breeder: Mowbraypark Torpedo Sire: Thrunton Fairfax Newhouse Bigal Newhouse Ragbag CH4035 **Maerdy Location Thrunton Raquel** Thrunton Icicle Dam: Flojo Farrah Maior IE161384060113 Charmille Doonally New Flojo Ursella Drimaha Oonagh Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) Reliability Charolais breed) per progeny €128 26% *** **Terminal Index** **** (Low) €51 22% *** $\star\star$ Replacement Index (Low) **Maternal Cow Traits:** -€27 20% Maternal Progeny Traits: €77 26% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +9% 28% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 29% **** **** +39.5kqBreed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 26% *** +1.87**** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 18% (V Low) +5 74% Breed ave: 5.33%, All breeds ave: 5.88% **** \star Daughter Milk (kg) -1.8ka 24% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg $\star\star$ $\star\star$ Daughter calving interval (days) +0.41davs 16% Breed ave: -0.87days, All breeds ave: -0.77days (V Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 24 BUNNYMORE MICHEAL ID: IE231365470486 **Breed:** Charolais Sex: Male DOB: 15-Jul-2016 Owner: Michael Reynolds - Bunnymore Eslin Carrick On Shannon Co Leitrim Breeder: Porto Sire: Goldstar Echo Texan-Gie Marquise **GHX Doonally New** Sheehills Ula Ballyboyle Nulla (Imp 00it) Dam: Bunnymore Imelda Indurain IE231365460386 Tombola Sang D'Or **Bunnymore Darla** Knockmullen Tracev Star rating (across Star Rating (Within €uro value Index **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €123 46% $\star\star\star$ **Terminal Index** **** (Average) 45% €₿ \star Replacement Index (Average) **Maternal Cow Traits:** -€66 44% Maternal Progeny Traits: €75 46% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +9.4% 49% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% $\star\star$ **** +30kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 46% **** +2 21 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 43% (Average) +7 09% Breed ave: 5.33%, All breeds ave: 5.88% * \star Daughter Milk (kg) -7.5ka 46% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg $\star\star$ $\star\star$ Daughter calving interval (days) +0.26davs 41% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 25 LISCULLANE MASTER ID: IE131825440909 **Breed:** Charolais Sex: Male DOB: 20-Jul-2016 Owner: Famonn Quinlivan - Liscullane Tulla Co Clare Breeder: Eddv Sire: Cavelands Fenian Noaille Janina LZF Indurain **Cavelands Carena** Cavelands Ulricka Dam: Liscullane Candy **Doonally New** IE131825480549 Intruse Dovea Gin Tonic Liscullane Sheila Liscullane Olivia Star rating (across all beef breeds) Star Rating (Within €uro value Index **Economic Indexes** Reliability per progeny Charolais breed) €126 35% *** **Terminal Index** **** (Low) €68 31% *** *** Replacement Index (Low) **Maternal Cow Traits:** -€15 29% Maternal Progeny Traits: €83 35% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +6% 37% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 37% $\star\star$ **** +30.5kqBreed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 36% *** +1 81 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5.93% 26% Breed ave: 5.33%, All breeds ave: 5.88% (Low) *** * Daughter Milk (kg) -3.2ka 34% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -0.63davs 23% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 26 CULCASHEL MARK

 ID:
 IE161638880438
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 25-Jul-2016



Owner: Charles Harkin - Cashelhill Falcarragh Letterkenny Co Donegal

Breeder:





Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
***	Terminal Index	€130	41% (Average)	****
***	Replacement Index	€48	39% (Low)	**
	Maternal Cow Traits :	-€35	38%	
	Maternal Progeny Traits :	€83	42%	
	Dairy Beef			

- 11	Star Rating (Within Charolais breed)	Key profit traits	Index Value	Trait Reliability	Star rating (acros

Expected	progeny	performance
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	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+7.3%	45% (Average)	
***	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.06 scale	43% (Average)	***
***	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+35kg	43% (Average)	****
*	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.64 scale	41% (Average)	***

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+6.54%	37% (Low)	
****	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-1.2kg	41% (Average)	*
*	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+2.45days	37% (Low)	*

Additional Information:

Linear composites	Value	Reliability
Muscle	100	27%
Skeletal	104	25%
Function	92	13%

Animal scored. Scores or weaning weights NOT included in evaluation

Herd data quality index

Lot 27 BOSTONIA MEMORABULL ET

ID: IE321616520181 **Breed:** Charolais Sex: Male DOB: 26-Jul-2016







Liscally Rosewood I (Et) P.T.I Prince Dam: Maerdy Vena Supermangf UK706352301100 Hemisphere Maerdy Osborne Maerdy Tabatha Maerdy Oops

Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
***	Terminal Index	€136	35% (Low)	****
****	Replacement Index	€65	31% (Low)	***
	Maternal Cow Traits :	-€19	30%	
	Maternal Progeny Traits :	€83	35%	
	Dairy Beef			

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Oten Detine (Mittelete	

	Evenanted programs of	- oufoumonoo		
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)
otal ridding (Within		Index	Trait	Star rating (across

Expected progeny performance

	Breed ave: 7.15%,All breeds ave: 4.49%	+9.2%	36% (Low)	
***	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.02 scale	48% (Average)	***
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+43kg	42% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.96 scale	36% (Low)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%, All breeds ave: 5.88%	+3.62%	25% (Low)	
****	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-1.4kg	31% (Low)	*
****	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-4.28days	21% (Low)	****

Additional Information:

Linear composites	Value	Reliability
Muscle	121	55%
Skeletal	122	53%
Function	102	26%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index N/A

Lot 28 BERRYMOUNT MARK ET ID: IE121127680129 **Breed:** Charolais Sex: Male **DOB:** 05-Aug-2016 Owner: William Foster - Berrymount Ballyconnell Co Cavan Breeder: Cariellor Sire: Meillard Ri Invincible Durandale MIR Pinochio Badine Samara Hermes Dam: Maerdy Entry **Padirac** UK706352501963 Imperiale Ecrin Ri Maerdy Vizla Maerdy Pastry Star Rating (Within €uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) Charolais breed) per progeny €147 34% **** **Terminal Index** **** (Low) €22 34% $\star\star$ Replacement Index \star (Low) **Maternal Cow Traits:** -€69 33% Maternal Progeny Traits: €91 35% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8.95% 36% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) 0 19 48% **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 37% **** **** +44kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 37% **** +2 01 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5 49% 32% Breed ave: 5.33%, All breeds ave: 5.88% (Low) * * Daughter Milk (kg) -6.8ka 32% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -0.91davs 30% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle 124 57% Skeletal 122 55% 25 33% Function Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

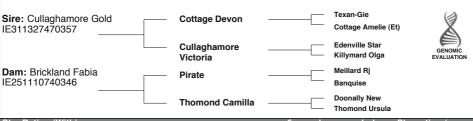
Lot 29 BRICKLAND MADISON

 ID:
 IE251110740503
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 07-Aug-2016







Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€133	45% (Average)	****
**	Replacement Index	€28	43% (Average)	*
	Maternal Cow Traits :	-€54	42%	
	Maternal Progeny Traits :	€82	45%	
	Dairy Beef			

Star Rating (Within	Index Trait Star rating (acro
	index I fait Star fatting (acre
Charolais breed)	Value Reliability all beef bree
Charolais breed)	Value Reliability a

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+9.2%	47% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	scale	(Average)	****
***	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+35kg	49% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.18 scale	44% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+5.45%	39% (Low)	
*	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-7.7kg	44% (Average)	*
*	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+1.28days	39% (Low)	*

Additional Information:

Linear composites	Value	Reliability
Muscle		
Skeletal		
Function		

Animal not scored.

Herd data quality index
N/A

Lot 30 HARTLEY MADDOX ID: IE311576230332 **Breed:** Charolais Sex: Male **DOB:** 07-Aug-2016 Owner: Patrick Fox - Leggatinty Frenchpark Castlerea Co Roscommon Breeder: Aimable Sire: Lisnagre Elite (Et) Domino Anemone LGL Jupiter Ballydownan Violet Ballydownan Simone (Et) Dam: Keanspark Crystal **Doonally New** IE311575510164 Intruse **Highwood Nut** Keanspark Unique Camber Odell Star Rating (Within €uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability per progeny Charolais breed) €139 35% **** **Terminal Index** **** (Low) €50 32% **** Replacement Index (Low) **Maternal Cow Traits:** -€37 31% **Maternal Progeny Traits:** €87 35% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7.9% 36% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 37% *** **** +35.5kqBreed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 36% **** +2 11 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5.95% 30% Breed ave: 5.33%, All breeds ave: 5.88% (Low) * * Daughter Milk (kg) -6.8ka 31% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -0.74davs 28% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 31 NOBLE MAHER

 ID:
 IE251358610974
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 17-Aug-2016



Breeder:

Star Bating (Within





Inverlochy Une	
Oscar Noble Rebecca	
Index	Star rating (across
Reliability	all beef breeds

Charolais breed)	Economic Indexes	per progeny	Reliability	all beef breeds)
****	Terminal Index	€179	49% (Average)	****
****	Replacement Index	€102	48% (Average)	****
	Maternal Cow Traits :	-€10	47%	
	Maternal Progeny Traits :	€112	49%	
	Dairy Beef			

Francisco de managemento de la constante de la						
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)		
Star Rating (Within		Index	Trait	Star rating (across		

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+8.6%	49% (Average)	
**	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0 scale	57% (Average)	***
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+51kg	52% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.29 scale	48% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+3.58%	45% (Average)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-3.3kg	48% (Average)	*
****	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-2.28days	44% (Average)	***

Additional Information:

Linear composites	Value	Reliability
Muscle	114	55%
Skeletal	120	53%
Function	102	31%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 32 DRUMCULLEN MAJOR

 ID:
 IE301341580681
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 20-Aug-2016







Dam: Drumcullen Jill
IE301341590575

Vexour Granville
Belack Crusader
Maerdy Umbellifer
Bolton Fergie
Bolton Umberetta

Charolais breed)	Economic Indexes	€uro value per progeny	Reliability	all beef breeds)
****	Terminal Index	€150	23% (Low)	****
***	Replacement Index	€39	18% (V Low)	*
	Maternal Cow Traits :	-€50	15%	
	Maternal Progeny Traits :	€90	25%	
	Dairy Beef			

Star Rating (Within		
Charolaic broad)	Koy profit traits	

Value Reliability all beef bree	os:
value neliability all beet blee	eds

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+9.5%	28% (Low)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.14 scale	42% (Average)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+47kg	28% (Low)	****
***	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.85 scale	17% (V Low)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+5.14%	8% (V Low)	
****	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	+0.4kg	17% (V Low)	**
*	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+1.38days /s	6% (V Low)	*

Additional Information:

Linear composites	Value	Reliability
Muscle	121	51%
Skeletal	114	49%
Function	98	14%

Animal scored. Linear scores and weaning weights in evaluations

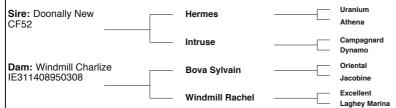
Lot 33 GALLAWAY MAVRICK

 ID:
 IE231327060563
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 21-Aug-2016



Owner: Michael Kiernan - Augharan Carrigallen Po Via Cavan Co Leitrim





Charolais breed)	Economic Indexes	€uro value per progeny	Reliability	all beef breeds)
****	Terminal Index	€170	50% (Average)	****
***	Replacement Index	€34	49% (Average)	*
	Maternal Cow Traits :	-€73	49%	
	Maternal Progeny Traits :	€107	50%	
	Dairy Beef			

Dairy Beet

Star Hatting (Within		Index	Trait	Star rating (across
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)
				·

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+8.3%	52% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.13 scale	64% (High)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+46kg	51% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.07 scale	49% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+4.84%	48% (Average)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-4kg	50% (Average)	*
*	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+2.62days	46% (Average)	*

Additional Information:

Linear composites	Value	Reliability
Muscle	118	56%
Skeletal	117	54%
Function	118	32%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 34 AGHAFAD MATT ET ID: IE291029640423 **Breed:** Charolais Sex: Male DOB: 23-Aug-2016 Owner: Edward Walsh - Aghafad Carrickmacross Co Monaghan Breeder: Mario Sire: Ecrin Rj Vicomte Poupee **ECI** Orațeu Tombola Penelope Berlioz Dam: Aghafad Countess (Et) Maior IE291029670277 Charmille Sahel Dromiskin Valeriane Orangina Star Rating (Within €uro value Star rating (across **Economic Indexes** all beef breeds) Reliability per progeny Charolais breed) €119 35% *** $\star\star\star$ **Terminal Index** (Low) -€68 33% \star Replacement Index \star (Low) **Maternal Cow Traits: -€138** 32% **Maternal Progeny Traits:** €70 35% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +9.5% 35% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 39% **** **** +39kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 36% *** +1.96 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +7 03% 31% Breed ave: 5.33%, All breeds ave: 5.88% (Low) * \star Daughter Milk (kg) -9.2ka 33% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +3.15davs 29% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 35 AGHAFAD MONTANA ET ID: IE291029650424 **Breed:** Charolais Sex: Male **DOB**: 26-Aug-2016 Owner: Edward Walsh - Aghafad Carrickmacross Co Monaghan Breeder: Saint Are Sire: Grimaldi Rerlinz Tresorerie 8991100066 Vauhan Charmille Tanche Erudit Dam: Aghafad Ulema (Et) **Dromiskin Phoenix** IE291029680204 Monksland Lorraine Excellent Carrickmacross Meath Chamade Isabella Star Rating (Within €uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €105 34% $\star\star$ **Terminal Index** $\star\star\star$ (Low) €11 32% \star Replacement Index \star (Low) **Maternal Cow Traits:** -€53 31% Maternal Progeny Traits: €64 33% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7.6% 36% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) ** \star Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 39% $\star\star\star$ **** +31.5kqBreed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 37% *** +18 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +7 08% 29% Breed ave: 5.33%, All breeds ave: 5.88% (Low) *** \star Daughter Milk (kg) -4.5ka 36% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -2.32davs 23% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 36 CROSSDRUM14 MASON ID: IE281080240118 **Breed:** Charolais Sex: Male **DOB**: 26-Aug-2016 Owner: Stephen Farrelly - Crossdrum Oldcastle Co Meath Breeder: Balmyle Thunderbird Sire: Blelack Digger Balthayock Adonis **Balthayock Peach** S956 **Blelack Montgomery Galcantray Abbey** Blelack Rachel **Doonally New** Dam: Crossdrum Irene Et **Dromiskin Vicerov** IE281080240076 **Dromiskin Princess** Oscar Crossdrum Beauty Dromiskin Ubeauty (Et) Star Rating (Within €uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €134 48% *** **Terminal Index** **** (Average) €99 44% **** **** Replacement Index (Average) **Maternal Cow Traits:** €23 42% **Maternal Progeny Traits:** €77 48% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +11.2% 50% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 51% **** **** +46kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 46% *** +1.87**** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 40% (Average) +5.57% Breed ave: 5.33%, All breeds ave: 5.88% **** $\star\star$ Daughter Milk (kg) +0.7ka45% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -1.04davs 37% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 37 ARDMALIN MURPHY ID: IE161010480089 **Breed:** Charolais Sex: Male **DOB:** 01-Sep-2016 Owner: Nell Gallagher - Middletown Malin Head Co Donegal Breeder: **Balthavock Adonis** Sire: Alwent Goldbar (Et) **Blelack Digger Galcantray Abbey** CH2199 Alwent Vougeot Alwent Daffodil Alwent Abbey Dam: Ardmalin Cher Mandela Veron (Et) IE161010430035 Camber Rita Doonally New Ardmalin Vicki Ardmalin Orla Star Rating (Within €uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability per progeny Charolais breed) €143 44% **** **Terminal Index** **** (Average) 41% €50 **** Replacement Index (Average) **Maternal Cow Traits:** -€35 40% Maternal Progeny Traits: €85 45% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +10.1% 49% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 45% **** **** +43kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 44% **** +2 09 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5 14% 38% Breed ave: 5.33%, All breeds ave: 5.88% (Low) ** \star Daughter Milk (kg) -6.1ka 43% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -0.92davs 36% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

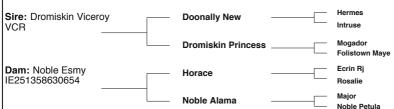
Lot 38 NOBLE MILO

 ID:
 IE251358640977
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 01-Sep-2016



Breeder:





Trait Star rating (across

Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€152	48% (Average)	****
*	Replacement Index	€7	48% (Average)	*
	Maternal Cow Traits :	-€88	48%	
	Maternal Progeny Traits :	€95	48%	
	Dairy Beef			

Index

Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)			
	Expected progeny performance						
	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+8.6%	49% (Average)				
*	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	-0.06 scale	58% (Average)	**			
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+41kg	51% (Average)	****			
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.32 scale	48% (Average)	****			

Expected daughter breeding performance						
	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+5.65%	46% (Average)			
**	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-5.8kg	49% (Average)	*		
*	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+3.93days	44% (Average)	*		

Additional Information:

Star Rating (Within

Linear composites	Value	Reliability
Muscle	121	55%
Skeletal	125	53%
Function	108	28%

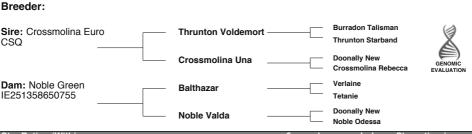
Herd data quality index

Animal scored. Linear scores and weaning weights in evaluations

Lot 39 NOBLE MESSI

ID: IE251358650978 **Breed:** Charolais Sex: Male **DOB:** 02-Sep-2016





Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€163	49% (Average)	****
**	Replacement Index	€15	46% (Average)	*
	Maternal Cow Traits :	-€82	45%	
	Maternal Progeny Traits :	€97	49%	
	Dairy Beef			

Star Rating (Within		Index	Trait	Star rating (across
01 1 1 1 1	es en en en	IIIGCA	man	otal rating (across
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)
		value	richability	an beer breeus

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+10.2%	49% (Average)	
*	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	-0.03 scale	57% (Average)	**
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+47kg	52% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.46 scale	48% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+5.55%	44% (Average)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-4kg	47% (Average)	*
*	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+4.2days	41% (Average)	*

Additional Information:

Linear composites	Value	Reliability
Muscle	137	53%
Skeletal	133	51%
Function	104	26%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 40 MURVEY MULLA ID: IE182810270005 **Breed:** Charolais Sex: Male **DOB:** 02-Sep-2016 Owner: Michael P Mullen - Murvey Roundstone Co Galway Breeder: Uranium Sire: Doonally New Hermes Athena CF52 Campagnard Intruse Dynamo Dam: Killough Bella Oscar IE181733630216 Toise Mozart Coolgurth Rose Loughduff Helen Mary Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) per progeny Reliability Charolais breed) €134 36% **** *** **Terminal Index** (Low) €12 38% ** Replacement Index \star (Low) **Maternal Cow Traits:** -€70 39% **Maternal Progeny Traits:** €82 37% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8.8% 37% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 38% **** **** +37kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 35% *** +1.89**** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5.36% 31% Breed ave: 5.33%, All breeds ave: 5.88% (Low) ** \star Daughter Milk (kg) -5.3ka 44% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +2.57davs 34% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 41 ROUGHAN MELVIN ID: IE161190762278 **Breed:** Charolais Sex: Male **DOB:** 02-Sep-2016 Owner: Patrick Mc Clean - Roughan Newtowncunningham Lifford Co Donegal Breeder: Cyrano Sire: Roughan Joyau Greman Caleche FR8574755614 Roughan Verygood **Emeraude** Bague Ronsard Dam: Roughan Gina Roughan Viceroi IE161190711614 Hautesse Kilcullen Oscar Roughan Vanilla Roughan Noeleen Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) Reliability per progeny Charolais breed) €130 42% *** **Terminal Index** **** (Average) €66 39% *** $\star\star\star$ Replacement Index (Low) **Maternal Cow Traits: -€**19 38% Maternal Progeny Traits: €85 42% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +6.5% 47% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 44% *** **** +36kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 43% ** +174**** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4 86% 36% Breed ave: 5.33%, All breeds ave: 5.88% (Low) *** \star Daughter Milk (kg) -4.5ka 41% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg $\star\star$ Daughter calving interval (days) +0.2davs 35% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 42 ROUGHAN MAGIC ID: IE161190792280 **Breed:** Charolais Sex: Male **DOB:** 02-Sep-2016 Owner: Patrick Mc Clean - Roughan Newtowncunningham Lifford Co Donegal Breeder: Taffetas Sire: Roughan Dix De Coe Vivaldi Opera FR7121558539 Original **Tirelire** Huppe Pacha Dam: Roughan Eleanor Roughan Verygood IE161190711416 Noblesse 0539 Roughan (95f) Jourdain Roughan Pamela Roughan Isobel Star rating (across all beef breeds) Star Rating (Within €uro value Index **Economic Indexes** Reliability per progeny Charolais breed) €116 42% $\star\star\star$ **Terminal Index** **** (Average) €74 38% **** $\star\star\star$ Replacement Index (Low) **Maternal Cow Traits:** -€1 37% **Maternal Progeny Traits:** €75 42% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +6.4% 47% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 44% $\star\star\star$ **** +32kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 43% +1 72 **** $\star\star$ Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5% 36% Breed ave: 5.33%, All breeds ave: 5.88% (Low) *** \star Daughter Milk (kg) -3.7ka 39% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +0.95davs 35% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 43 ROUGHAN MUSICIAN ID: IE161190772279 **Breed:** Charolais Sex: Male **DOB:** 02-Sep-2016 Owner: Patrick Mc Clean - Roughan Newtowncunningham Lifford Co Donegal Breeder: Sire: Roughan Echo 2 Clinquant Rayonnante FR5812309866 Nubuck Tarentelle Javanaise Ronsard Dam: Roughan Heather Roughan Viceroi IE161190731772 Hautesse Regaile Oisin Roughan Abby Deeleview Nice Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) Reliability per progeny Charolais breed) €119 42% $\star\star\star$ **Terminal Index** $\star\star\star\star$ (Average) €48 39% *** Replacement Index (Low) **Maternal Cow Traits:** -€28 37% Maternal Progeny Traits: €76 43% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +6.8% 47% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** ** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 44% $\star\star\star$ **** +32kg Breed ave: 31.75kg,All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 43% +174**** $\star\star$ Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4.9% 36% Breed ave: 5.33%, All breeds ave: 5.88% (Low) **** \star Daughter Milk (kg) -2ka 40% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg $\star\star$ Daughter calving interval (days) +0.91davs 35% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 44 BALLYM M 6 ID: IE301515120440 **Breed:** Charolais Sex: Male DOB: 04-Sep-2016 Owner: Louise Quinn - Ballymoran House Edenderry Co Offaly Breeder: Texan-Gie Sire: Goldstar Hector Goldstar Echo Sheehills Ula IE331457430295 Jupiter Goldstar Cosmogirl Cavelands Ruth Sublime Dam: Ballym Gabby **Ballym Bouvreuil** IE301515170180 Martinique **Ballym Tolerant Ballym Bubble** Qubeloco Princess Star rating (across all beef breeds) Star Rating (Within €uro value Index **Economic Indexes** Reliability per progeny Charolais breed) €119 42% $\star\star\star$ **Terminal Index** **** (Average) €40 39% *** Replacement Index \star (Low) **Maternal Cow Traits:** -€31 38% Maternal Progeny Traits: €71 42% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8.9% 45% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 43% **** **** +37kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 42% +1 61 **** \star Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 36% (Low) +5 24% Breed ave: 5.33%, All breeds ave: 5.88% *** \star Daughter Milk (kg) -3.4ka 40% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -2davs 36% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 45 GOLDSTAR MCCOY ET

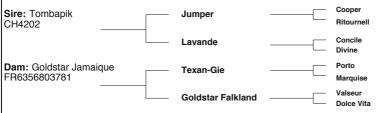
 ID:
 IE331457480382
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 04-Sep-2016



Owner: Martin Ryan - Copperfield House Cabra Thurles Co Tipperary

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Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€171	46% (Average)	****
****	Replacement Index	€94	43% (Average)	***
	Maternal Cow Traits :	-€23	42%	
	Maternal Progeny Traits :	€117	46%	
	Dairy Beef			

Star Rating (Within Charolais breed)	Key profit traits	Inde Valu	t Star rating (across all beef breeds)

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+4.8%	45% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.05 scale	63% (High)	***
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+47kg	50% (Average)	****
**	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.72 scale	46% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+4.39%	38% (Low)	
****	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	+3.5kg	45% (Average)	****
***	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-0.52days	35% (Low)	***

Additional Information:

Linear composites	Value	Reliability
Muscle	119	53%
Skeletal	123	50%
Function	98	18%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 46 LISCALLY MALCOM X ET ID: IE231024040250 **Breed:** Charolais Sex: Male **DOB:** 04-Sep-2016 Owner: Lewis Regan - Tawley Castlegal Co Leitrim Breeder: Jonathan Rober Regan - Liscally Tawley Castlegal Co Leitrim Maerdy Grimaldi Sire: Balmyle Vagabond Maerdy Othello Maerdy Gruel Ff0050697 S590 **Dingle Hofmeister** Balmvle Oregana **Balmyle Garnet** Hermes Dam: Liscally Blossom **Padirac** IE231024050136 Imperiale Meillard Ri Liscally Rosewood I Liscally Fairy Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) per progeny Reliability Charolais breed) €130 36% *** **Terminal Index** **** (Low) €23 33% $\star\star$ Replacement Index \star (Low) **Maternal Cow Traits:** -€53 32% Maternal Progeny Traits: €76 36% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +10.15% 39% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) ** \star Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 42% **** **** +41kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 40% **** +2 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +3.8% 29% Breed ave: 5.33%, All breeds ave: 5.88% (Low) ** \star Daughter Milk (kg) -5.9ka 36% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -2.01davs 23% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 47 AUGHNASHEELIN MAT ET

 ID:
 IE231218010320
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 04-Sep-2016



Owner: Michael Mc Girl - Drumany Aughnasheelin Carrick-On-Shannon Co Leitrim

Breed	е	r	
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Sire: Doonally New CF52	Hermes	—	Athena
	Intruse	 _	Campagnard Dynamo
Dam: Ballymartle Rosanne (Et) E141611070108	Jupiter	 -	Erudit Colombe
	Ballymartle Noreen	 _	Tennis

Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€146	50% (Average)	****
*	Replacement Index	-€14	49% (Average)	*
	Maternal Cow Traits :	-€99	49%	
	Maternal Progeny Traits :	€84	50%	
	Dairy Beef			

		Daily beel
7		

Star hatting (Within		Index	Trait	Star rating (across
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+11.8%	48% (Average)	
***	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.03 scale	63% (High)	***
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+45kg	53% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.11 scale	51% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+3.85%	47% (Average)	
*	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-8.3kg	49% (Average)	*
*	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+5.99days	47% (Average)	*

Additional Information:

Linear composites	Value	Reliability
Muscle	112	56%
Skeletal	121	54%
Function	99	33%

Animal scored. Linear scores and weaning weights in evaluations

Lot 48 ROUGHAN MOST ID: IE161190792289 **Breed:** Charolais Sex: Male **DOB:** 04-Sep-2016 Owner: Patrick Mc Clean - Roughan Newtowncunningham Lifford Co Donegal Breeder: Taffetas Sire: Roughan Dix De Coe Vivaldi Opera FR7121558539 Original **Tirelire** Huppe Dam: Roughan Faun Roughan Verygood IE161190731475 Noblesse Roughan Viceroi Roughan Bronagh Roughan Patricia Star Rating (Within €uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) Charolais breed) per progeny €136 42% *** **Terminal Index** **** (Average) €77 39% **** $\star\star\star$ Replacement Index (Low) **Maternal Cow Traits:** -€11 38% **Maternal Progeny Traits:** €88 42% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7% 47% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 43% **** **** +39kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 43% *** +18 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4 74% 36% Breed ave: 5.33%, All breeds ave: 5.88% (Low) *** \star Daughter Milk (kg) -3.4ka 41% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg $\star\star$ $\star\star$ Daughter calving interval (days) -0.01davs 35% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 49 GOLDSTAR MCIVER ET

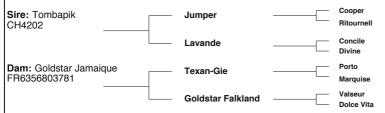
 ID:
 IE331457410384
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 05-Sep-2016



Owner: Martin Ryan - Copperfield House Cabra Thurles Co Tipperary

Br	ee	d	er
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Charolais breed)	Economic Indexes	€uro value per progeny	Reliability	all beef breeds)
****	Terminal Index	€149	46% (Average)	****
****	Replacement Index	€98	43% (Average)	****
	Maternal Cow Traits :	-€6	42%	
	Maternal Progeny Traits :	€104	46%	
	Dairy Beef			

	•
Star Rating (Within	
Charolais breed)	Key profit traits

Calving difficulty (% 3 & 4)

Index	Trait	Star rating (acros
Value	Reliability	all beef breed

45%

Expected progeny performance

+3.8%

	Breed ave: 7.15%,All breeds ave: 4.49%	10.070	(Average)	
***	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.04 scale	63% (High)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+39kg	50% (Average)	****
*	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.41 scale	46% (Average)	***
	Breed ave: 1.84,All breeds ave: 1.33	scale	(Average)	^ ^ ^

Expected daughter breeding performance

	Breed ave: 5.33%,All breeds ave: 5.88%	+4.52%	(Low)	
****	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	+4.4kg	45% (Average)	****
***	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-0.87days	35% (Low)	***

Additional Information:

Linear composites	Value	Reliability
Muscle	106	53%
Skeletal	122	50%
Function	100	18%

Animal scored. Linear scores and weaning weights in evaluations

Lot 50 CLOUG MAJOR ID: IE121180820566 **Breed:** Charolais Sex: Male **DOB:** 06-Sep-2016 Owner: Sean Kelly - Ballynahia Lisnalong Co Monaghan Breeder: Uranium Sire: Doonally New Hermes Athena CF52 Campagnard Intruse Dynamo **Epsom** Dam: Castlemartin Emma Malicieux IE201192110900 Grace Kilmore Sailor Castlemartin Allure Castlemartin Tombola Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) Reliability per progeny Charolais breed) €161 47% **** **Terminal Index** **** (Average) €29 47% $\star\star$ Replacement Index (Average) **Maternal Cow Traits:** -€77 47% **Maternal Progeny Traits:** €106 47% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7.4% 50% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% **** **** +38kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +2 03 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +6 71% 47% Breed ave: 5.33%, All breeds ave: 5.88% (Average) * \star Daughter Milk (kg) -7ka 49% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +2.34davs 46% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 51 LISNAGRE MICHAEL ET ID: IE361072650783 **Breed:** Charolais Sex: Male **DOB:** 08-Sep-2016 Owner: Jim Geoghegan - Lisnagree Streamstown Mullingar Co Westmeath Breeder: Vicomte Sire: Prime Roberto Indurain Tombola PRT Jupiter **Prime Noelle** Knockane Cynthia Berlioz Dam: Lisnagre Gabrielle Et Maior IE361072620590 Charmille Hermes Ballydownan Ballydownan Niamh Simone (Et) Star rating (across all beef breeds) Star Rating (Within €uro value Index **Economic Indexes** Reliability per progeny Charolais breed) €125 46% *** **Terminal Index** **** (Average) €20 46% $\star\star$ Replacement Index (Average) **Maternal Cow Traits:** -€54 46% Maternal Progeny Traits: €74 46% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +10% 46% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% **** **** +38kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +2 12 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 46% (Average) +4 98% Breed ave: 5.33%, All breeds ave: 5.88% * \star Daughter Milk (kg) -6.9ka 46% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +3.03davs 45% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 52 GOLDSTAR MARADONA ET

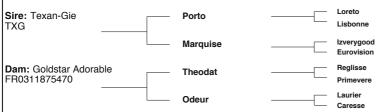
 ID:
 IE331457440387
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 08-Sep-2016



Owner: Martin Ryan - Copperfield House Cabra Thurles Co Tipperary

Breeder:





Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
***	Terminal Index	€120	47% (Average)	***
**	Replacement Index	€27	46% (Average)	*
	Maternal Cow Traits :	-€40	46%	
	Maternal Progeny Traits :	€67	47%	
	Dairy Beef			

- 1	Star Rating (Within Charolais breed)	Key profit traits	Index Value	Trait Reliability	Star rating (across all beef breeds)
- 1					

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+11.1%	46% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.26 scale	64% (High)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+43kg	51% (Average)	****
*	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.54 scale	47% (Average)	****

Expected daughter breeding performance

	Breed ave: 5.33%,All breeds ave: 5.88%	+4.23%	44% (Average)	
****	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-3.3kg	49% (Average)	*
***	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-1.74days	39% (Low)	****

Additional Information:

Linear composites	Value	Reliability
Muscle	130	54%
Skeletal	129	52%
Function	120	25%

Animal scored. Linear scores and weaning weights in evaluations

Lot 53 LISNAGRE MY BOY ET ID: IE361072670785 **Breed:** Charolais Sex: Male **DOB**: 09-Sep-2016 Owner: Jim Geoghegan - Lisnagree Streamstown Mullingar Co Westmeath Breeder: Argenty Sire: Jupiter **Erudit** Blanche **JPR** Voltaire Colombe Unitaire Berlioz Dam: Lisnagre Ivan 2 Et Maior IE361072660669 Charmille Hermes Ballydownan Ballydownan Niamh Simone (Et) Star rating (across all beef breeds) Star Rating (Within €uro value Index **Economic Indexes** Reliability per progeny Charolais breed) €125 46% *** **Terminal Index** **** (Average) €Δ 46% \star Replacement Index (Average) **Maternal Cow Traits:** -€66 46% Maternal Progeny Traits: €69 46% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +10.9% 46% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** ** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% **** **** +41kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +2 09 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 46% (Average) +4 33% Breed ave: 5.33%, All breeds ave: 5.88% ** \star Daughter Milk (kg) -5.9ka 46% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +4.01davs 45% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 54 MEARAIN MASTER ID: IE291689820048 **Breed:** Charolais Sex: Male **DOB:** 10-Sep-2016 Owner: Christopher Marron - Corbane Shantonagh Castleblayney Co Monaghan Breeder: **Balthavock Adonis** Sire: Alwent Goldbar (Et) Blelack Digger Galcantray Abbey CH2199 **Alwent Vougeot** Alwent Daffodil Alwent Abbey Hermes Dam: Coirban Eve Et **Doonally New** IE291084020364 Intruse Nevers Ri Dereskit Ulanda Dereskit Rosetta Star Rating (Within €uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability per progeny Charolais breed) €157 32% **** **Terminal Index** **** (Low) €82 24% **** **** Replacement Index (Low) **Maternal Cow Traits:** -€16 21% **Maternal Progeny Traits:** €98 32% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8.7% 35% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 35% **** **** +46.5kqBreed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 32% **** +1.95**** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 15% (V Low) +5 45% Breed ave: 5.33%, All breeds ave: 5.88% *** * Daughter Milk (kg) -3.6ka 26% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -0.42davs 12% Breed ave: -0.87days, All breeds ave: -0.77days (V Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 55 MASHANTUCKET MAXWELL

 ID:
 IE121125380291
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 11-Sep-2016







	Hillcrest Cody	Hiller	est Orla	
Star Rating (Within		€uro value	Index	Star rating (across

Charolais breed)	Economic Indexes	per progeny	Reliability	all beef breeds)
****	Terminal Index	€146	33% (Low)	****
****	Replacement Index	€97	26% (Low)	****
	Maternal Cow Traits :	€7	23%	
	Maternal Progeny Traits :	€90	34%	
	Dairy Beef			

nrogeny ner	formance		
iits	Value	Reliability	all beef breeds)
	Index	Trait	Star rating (across

Indurain

Expected progeny performance

	Breed ave: 7.15%,All breeds ave: 4.49%	+8.6%	37% (Low)	
**	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.01 scale	45% (Average)	***
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+44kg	38% (Low)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.99 scale	32% (Low)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+6.17%	20% (Low)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-3.4kg	27% (Low)	*
****	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-2.51days	14% (V Low)	***

Additional Information:

Star Rating (Within

Charola

Linear composites	Value	Reliability
Muscle	113	53%
Skeletal	123	51%
Function	100	27%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 56 DERRYKIRK MARTIN ET ID: IE311355750782 **Breed:** Charolais Sex: Male **DOB:** 12-Sep-2016 Owner: Benedict Mulrennan - Lisnaneane Elphin Co Roscommon Breeder: **Brampton Banker** Sire: Liscally Eti (Et) **Oldstone Egbert** Oldstone Ursula LSP Padirac Liscally Blossom Liscally Rosewood I (Et) Dam: Lisnanean Debby **Doonally New** IE311361490044 Intruse **Doonally Nicefor** Lisnanean Rachel Lisnanean Maureen Star rating (across all beef breeds) Star Rating (Within €uro value Index Economic Indexes Reliability per progeny Charolais breed) €116 45% $\star\star\star$ **Terminal Index** **** (Average) €Δ 45% \star Replacement Index (Average) **Maternal Cow Traits:** -€63 44% Maternal Progeny Traits: €67 46% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +9.7% 47% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% *** **** +35kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +2 08 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4 46% 44% Breed ave: 5.33%, All breeds ave: 5.88% (Average) ** \star Daughter Milk (kg) -6.1ka 45% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -0.53davs 41% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 57 SCARDAUNE MARK ID: IE271886750379 **Breed:** Charolais Sex: Male **DOB:** 12-Sep-2016 Owner: Oliver Conway - Scardaune Claremorris Co Mayo Breeder: Berlioz Sire: Derryowen Harvey Roughan Echo IE161931490053 Reveuse Roughan Viceroi Derrvowen Debbie Derryowen Raquelle Indice Dam: Scardaune Gena Nelson IE271886760322 Etoile Pinav Scardaune Ellie Scardaune Bourquogne Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) per progeny Reliability Charolais breed) €138 22% **** **Terminal Index** **** (Low) €106 18% **** **** Replacement Index (V Low) **Maternal Cow Traits:** €16 17% **Maternal Progeny Traits:** €90 22% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +6.9% 29% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 23% **** **** +37.5kqBreed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) *** +1.9321% **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 11% (V Low) +4 6% Breed ave: 5.33%, All breeds ave: 5.88% **** $\star\star\star$ 24% Daughter Milk (kg) +2.4ka (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -2.05days 10% Breed ave: -0.87days, All breeds ave: -0.77days (V Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 58 CULLA MAX ET ID: IE291109780509 **Breed:** Charolais Sex: Male DOB: 14-Sep-2016 Owner: Sean & John Kingham - Corcullioncrew Culloville Castleblayney Co Monaghan Breeder: **Brampton Banker** Sire: Corrie Alan **Oldstone Egbert** Oldstone Ursula CZL Corrie Highlander Corrie Lisa Allanfauld Avril Uranium Dam: Kiltybane Venus (Et) Hermes UK924222613356 Athena Fakir Temp Lambada Delicieuse Star Rating (Within €uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability per progeny Charolais breed) €138 44% **** **Terminal Index** **** (Average) 41% €13 $\star\star$ Replacement Index (Average) **Maternal Cow Traits:** -€70 40% Maternal Progeny Traits: €84 44% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8.9% 45% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% **** **** +41kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 43% **** +1.92 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5 14% 38% Breed ave: 5.33%, All breeds ave: 5.88% (Low) *** \star Daughter Milk (kg) -4.3ka 40% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +2.86davs 37% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 59 LISNANEAN MILO ET ID: IE311361410078 **Breed:** Charolais Sex: Male **DOB:** 14-Sep-2016 Owner: James Mulrennan - Liosnanean Elphin P O Co Roscommon Breeder: Cooper Sire: Tombapik Jumper Ritournell CH4202 Concile Lavande Divine Hermes Dam: Lisnanean Debby **Doonally New** IE311361490044 Intruse **Doonally Nicefor** Lisnanean Rachel Lisnanean Maureen Star Rating (Within €uro value Index Star rating (across Economic Indexes all beef breeds) Reliability per progeny Charolais breed) €147 43% **** **Terminal Index** **** (Average) 40% €84 **** **** Replacement Index (Average) **Maternal Cow Traits:** -€12 39% **Maternal Progeny Traits:** €95 43% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7.7% 45% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 44% **** **** +41kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 44% *** +18 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 39% (Low) +4 88% Breed ave: 5.33%, All breeds ave: 5.88% **** *** Daughter Milk (kg) +3.5ka 43% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +2.56davs 37% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 60 BOSTONIA MOSES

ID: IE321616570194 **Breed:** Charolais Sex: Male **DOB:** 17-Sep-2016







Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
***	Terminal Index	€120	31% (Low)	***
*	Replacement Index	-€13	27% (Low)	*
	Maternal Cow Traits :	-€78	25%	
	Maternal Progeny Traits :	€65	32%	
	Dairy Beef			

Star Rating (Within	

Star Hatting (Within		Index	Trait	Star rating (across
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)
		_		·

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+11.9%	34% (Low)	
*	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	-0.06 scale	45% (Average)	**
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+41kg	39% (Low)	****
***	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.98 scale	32% (Low)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+4.27%	22% (Low)	
*	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-8.7kg	26% (Low)	*
*	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+0.94days	15% (V Low)	**

Additional Information:

Linear composites	Value	Reliability
Muscle	114	54%
Skeletal	112	52%
Function	105	25%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Maerdy Unwind

Lot 61 CUSH (BDW) MACKLEMORE ID: IF241131561247 **Breed:** Charolais Sex: Male **DOB:** 17-Sep-2016 Owner: William Gubbins - Cush House Kilfinane Co Limerick Breeder: **Balthavock Adonis** Sire: Alwent Goldbar (Et) Blelack Digger **Galcantray Abbey** CH2199 Alwent Vougeot Alwent Daffodil Alwent Abbey Blakestown Templier Dam: Cush (Bdw) Iliza Mullaghdoo Elite IE241131541030 Mullaghdoo Blossom Mulroog Viacom (Et) Calla Ebony Calla Urella Star Rating (Within €uro value Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €113 43% $\star\star$ **Terminal Index** **** (Average) €27 39% Replacement Index \star (Low) **Maternal Cow Traits:** -€33 38% Maternal Progeny Traits: €60 43% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +11.5% 48% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 44% **** **** +39kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) *** 43% +1.96 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5.51% 35% Breed ave: 5.33%, All breeds ave: 5.88% (Low) *** * Daughter Milk (kg) -3.7ka 39% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg Daughter calving interval (days) +0.22davs 34% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 62 KILVILCORRIS MILSTEIN ID: IE331352790953 **Breed:** Charolais Sex: Male **DOB:** 17-Sep-2016 Owner: Matt Ryan - Clonismullen Drom Borrisoleigh Thurles Co Tipperary Breeder: Uranium Sire: Doonally New Hermes Athena CF52 Campagnard Intruse Dynamo Vicomte Dam: Kilvilcorris Harriet Indurain IE331352710723 Tombola Bova Oniraloin Kilvilcorris Venus Kilvilcorris Jennifer Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) Reliability per progeny Charolais breed) €147 48% **** **Terminal Index** **** (Average) €30 47% $\star\star$ Replacement Index (Average) **Maternal Cow Traits:** -€66 47% Maternal Progeny Traits: €96 48% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +6.3% 50% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 50% $\star\star\star$ **** +32kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +2 09 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +6 25% 47% Breed ave: 5.33%, All breeds ave: 5.88% (Average) ** \star Daughter Milk (kg) -6.7ka 49% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +2.25davs 46% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 63 KILVILCORRIS MARK ID: IE331352710954 **Breed:** Charolais Sex: Male **DOB:** 17-Sep-2016 Owner: Matt Ryan - Clonismullen Drom Borrisoleigh Thurles Co Tipperary Breeder: Sire: Goldstar Echo Texan-Gie Marquise **GHX Doonally New** Sheehills Ula Ballyboyle Nulla (Imp 00it) Dam: Kilvilcorris Gretel **Enfield Plexus** IE331352750693 Chloe Dovea Gin Tonic Kilvilcorris Doreen Kilvilcorris Audrev Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) per progeny Reliability Charolais breed) €162 47% **** **Terminal Index** **** (Average) €35 45% *** Replacement Index (Average) **Maternal Cow Traits:** -€68 44% Maternal Progeny Traits: €102 47% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7.9% 49% (Average) Breed ave: 7.15%, All breeds ave: 4.49% **** Docility (1-5 scale) **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 50% **** **** +43kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 46% **** +2 17 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +7 12% 43% Breed ave: 5.33%, All breeds ave: 5.88% (Average) * \star Daughter Milk (kg) -8.2ka 48% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -0.74davs 41% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 64 FIELDVIEW MORGAN

 ID:
 IE291543041113
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 17-Sep-2016



Breeder:



Fieldview Enva



Fieldview Blossom

Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€133	45% (Average)	****
***	Replacement Index	€55	41% (Average)	**
	Maternal Cow Traits :	-€22	40%	
	Maternal Progeny Traits :	€78	45%	

Dairy Bee	ſ
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Star Hatting (Within		Ind	ex Trait	Star rating (across
Charolais breed)	Key profit traits	Val		· · · · · · · · · · · · · · · · · · ·
			,	,

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+10%	46% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.06 scale	62% (High)	***
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+44kg	48% (Average)	****
***	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.84 scale	44% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+4.27%	36% (Low)	
****	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-1.5kg	43% (Average)	*
***	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-0.33days	34% (Low)	***

Additional Information:

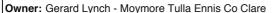
Linear composites	Value	Reliability
Muscle	112	53%
Skeletal	113	51%
Function	100	17%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 65 KNOCKMOYLE10 MCGREGOR

ID: IE131911960061 **Breed:** Charolais Sex: Male **DOB:** 19-Sep-2016



Breeder:



Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€143	36% (Low)	****
***	Replacement Index	€40	30% (Low)	*
	Maternal Cow Traits :	-€48	28%	
	Maternal Progeny Traits :	€87	36%	
	Dairy Beef			

Dairy Beef

	Francisco de la compansión de			
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)
Star Hating (Within		Index	Trait	Star rating (across

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+9.1%	37% (Low)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.15 scale	54% (Average)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+41kg	41% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.15 scale	34% (Low)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+5.95%	26% (Low)	
**	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-5.3kg	30% (Low)	*
*	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+1.04days	17% (V Low)	*

Additional Information:

Linear composites	Value	Reliability
Muscle	122	55%
Skeletal	114	53%
Function	104	27%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index N/A

Lot 66 CORNEY MAJOR ID: IE121101960896 **Breed:** Charolais Sex: Male DOB: 20-Sep-2016 Owner: Kenneth & David Magee - Cornacrum Ardlougher Ballyconnell Co Cavan Breeder: Cariellor Sire: Meillard Ri Invincible Durandale MIR Pinochio **Badine** Samara Indice Dam: Mullaghdoo Grainne Nelson IE121264210539 Etoile Blakestown Templier Mullaghdoo Doris Sligo Nicola Star Rating (Within €uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €116 47% $\star\star\star$ **Terminal Index** $\star\star\star\star$ (Average) €57 47% *** Replacement Index (Average) **Maternal Cow Traits:** -€16 47% Maternal Progeny Traits: €73 47% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7% 50% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% $\star\star\star$ **** +33kg Breed ave: 31.75kg,All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 46% +175**** $\star\star$ Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 46% (Average) +6 21% Breed ave: 5.33%, All breeds ave: 5.88% **** \star Daughter Milk (kg) -2.9ka 48% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg **** **** Daughter calving interval (days) -3.27davs 45% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 67 SHEEHILLS MAJESTIC ET ID: IE331267711127 **Breed:** Charolais Sex: Male **DOB**: 26-Sep-2016 Owner: John Searson - Sheehills Roscrea Co Tipperary Breeder: **Dinale Hofmeister** Sire: Inverlochy Ferdie **Balmyle Bollinger Balmyle Tinsle** S1381 Inverlochy Resolve Inverlochy Une Inverlochy Petra Vicomte Dam: Cottage Imelda Ecrin Ri IE341478912296 Tombola Baurnafea Baccarat Cottage Eve Et Cottage Tasmin Star Rating (Within €uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) Charolais breed) per progeny €139 33% **** **Terminal Index** **** (Low) **-€10** 29% \star Replacement Index \star (Low) **Maternal Cow Traits:** -€88 27% Maternal Progeny Traits: €78 34% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +11.1% 36% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 36% **** **** +44.5kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 35% **** +2 31 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4.9% 24% Breed ave: 5.33%, All breeds ave: 5.88% (Low) * \star Daughter Milk (kg) -6.8ka 29% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +2.79davs 22% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

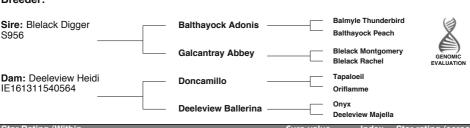
Lot 68 DEELEVIEW MEILLARD ET

 ID:
 IE161311580717
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 29-Sep-2016



Breeder:



Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€140	46% (Average)	****
****	Replacement Index	€92	42% (Average)	***
	Maternal Cow Traits :	€7	41%	
	Maternal Progeny Traits :	€85	46%	
	Dairy Beef			

	Eveneted present a			
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)
Star Rating (Within		Index	Trait	Star rating (across

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+8.8%	46% (Average)	
***	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.04 scale	56% (Average)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+42kg	50% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.11 scale	47% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+4.7%	39% (Low)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-2.6kg	43% (Average)	*
***	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-1.63days	36% (Low)	***

Additional Information:

Linear composites	Value	Reliability
Muscle	116	55%
Skeletal	115	53%
Function	93	26%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 69 RATHCARRA MAGNIFICENT (ET) ID: IE271241920209 **Breed:** Charolais Sex: Male **DOB**: 29-Sep-2016 Owner: Stephen Bourke - Rathlacken Carrowmore Lacken Ballina Co Mayo Breeder: **Dinale Hofmeister** Sire: Inverlochy Ferdie **Balmyle Bollinger Balmyle Tinsle** S1381 Inverlochy Resolve Inverlochy Une Inverlochy Petra Dalton Dam: Goldstar Ivana Necessaire IE331457450322 Linchette Voltigeur Goldstar Gertrude Cavelands Viola Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) per progeny Reliability Charolais breed) €133 33% *** **Terminal Index** **** (Low) €30 27% $\star\star$ Replacement Index \star (Low) **Maternal Cow Traits:** -€49 25% Maternal Progeny Traits: €79 33% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +9.3% 35% Breed ave: 7.15%, All breeds ave: 4.49% (Low) Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 36% **** **** +38.5kqBreed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 35% **** +2 15 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5 28% 22% Breed ave: 5.33%, All breeds ave: 5.88% (Low) *** \star Daughter Milk (kg) -3.6ka 27% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg $\star\star$ $\star\star$ Daughter calving interval (days) +0.29davs 19% Breed ave: -0.87days, All breeds ave: -0.77days (V Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

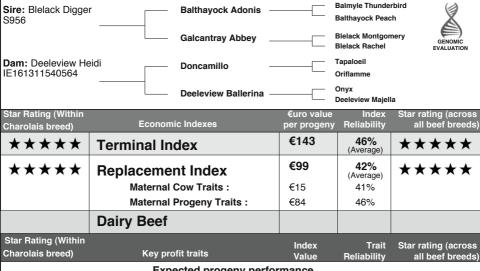
Lot 70 DEELEVIEW MAJOR ET

ID: IE161311590718 **Breed:** Charolais Sex: Male DOB: 01-Oct-2016



Owner: Ian Maxwell - Carrickbrack Convoy Lifford Co Donegal

Breeder:



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EXDECTER	DIOUEIIV	Dellolliance	;

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+10.6%	46% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.13 scale	56% (Average)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+46kg	50% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.08 scale	47% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+4.23%	39% (Low)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-2.4kg	43% (Average)	*
****	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-1.83days	36% (Low)	****

Additional Information:

Linear composites	Value	Reliability
Muscle	122	55%
Skeletal	121	53%
Function	96	26%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index N/A

Lot 71 LISNAGRE MC STAY ET ID: IE361072670793 **Breed:** Charolais Sex: Male DOB: 01-Oct-2016 Owner: Jim Geoghegan - Lisnagree Streamstown Mullingar Co Westmeath Breeder: Saint Are Sire: Major Rerlinz Tresorerie **MJR** Vauhan Charmille Tanche Uranium Dam: Ballydownan Simone (Et) Hermes IE301098140455 Athena Excellent Ballydownan Niamh -Knockane Flower Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) Reliability Charolais breed) per progeny €148 50% **** **Terminal Index** **** (Average) 49% €11 \star Replacement Index (Average) **Maternal Cow Traits:** -€77 48% Maternal Progeny Traits: €87 50% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +10.9% 51% (Average) Breed ave: 7.15%, All breeds ave: 4.49% **** Docility (1-5 scale) **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 51% **** **** +48kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 51% **** +2 29 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5.47% 48% Breed ave: 5.33%, All breeds ave: 5.88% (Average) *** \star Daughter Milk (kg) -5.1ka 49% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +3.85davs 46% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 72 DRUMCULLEN MIKEY

Owner: Mr John Fleury - Coagh Killyon Birr Co Offaly





Charolais breed)	Economic Indexes	per progeny	Reliability	all beef breeds)
****	Terminal Index	€137	25% (Low)	****
****	Replacement Index	€76	22% (Low)	***
	Maternal Cow Traits :	-€12	20%	
	Maternal Progeny Traits :	€89	26%	
	Dairy Beef			

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Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+6.3%	30% (Low)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.14 scale	44% (Average)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+37kg	29% (Low)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.92 scale	19% (V Low)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+4.92%	13% (V Low)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-3.9kg	22% (Low)	*
****	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-1.44days	11% (V Low)	****

Additional Information:

Linear composites	Value	Reliability
Muscle	115	52%
Skeletal	111	49%
Function	115	17%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 73 WHINFORT MAX

 ID:
 IE161597650146
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 02-Oct-2016



Owner: Geremy Mc Gonigle - Rosscatt Rossnowlagh Donegal Co Donegal

Breeder	
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Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
***	Terminal Index	€123	36% (Low)	****
****	Replacement Index	€86	32% (Low)	***
	Maternal Cow Traits :	€7	30%	
	Maternal Progeny Traits :	€79	37%	
	Dairy Beef			

Charalaia huand) Varranafit tuaita	Star Rating (Within		Index	Trait	Star rating (across
	Charolais breed)	Key profit traits			all beef breeds

Expected progeny performance

	Breed ave: 7.15%,All breeds ave: 4.49%	+6.3%	38% (Low)	
***	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.03 scale	47% (Average)	****
**	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+30kg	42% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.01 scale	36% (Low)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+5.51%	27% (Low)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-3.7kg	33% (Low)	*
****	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-3.21days	24% (Low)	****

Additional Information:

Linear composites	Value	Reliability
Muscle	110	55%
Skeletal	108	54%
Function	108	28%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 74 CLENAGH MISCHIEF 2 ET



Owner: Michael J Quin - Clenagh Newmarket On Fergus Co Clare

Bre	ed	ler	•
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Sire: Doonally New CF52	Hermes –		Uranium Athena	
	Intruse		Campagnard Dynamo	GENOMIC EVALUATION
Dam: Clenagh Vicki IE131188170214	Roundhill Rocky –		Meillard Rj Ballybrown (Imp	97f) Marlene
	Clenagh Pringle		Glassleck Liam Clenagh Hope	
Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€143	49% (Average)	****
*	Replacement Index	-€48	48% (Average)	*
	Maternal Cow Traits :	-€127	48%	
	Maternal Progeny Traits:	€78	49%	
	Dairy Beef			
Star Rating (Within		Index	Trait	Star rating (across
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)
Expected progeny performance				
	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+12.5%	51% (Average)	
***	Docility (1-5 scale) Breed ave: 0.04 All breeds ave: 0.01	0.07	50% (Average)	***

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+7.51%	47% (Average)	
*	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-7.3kg	49% (Average)	*
*	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+3.15days	47% (Average)	*

Additional Information:

value	Reliability
124	45%
117	45%
114	36%
	124 117

Animal scored. Scores or weaning weights NOT included in evaluation

Carcass weight (kg)

Breed ave: 31.75kg,All breeds ave: 14.99kg

Carcass conformation (1-15 scale)

Breed ave: 1.84,All breeds ave: 1.33

Herd data quality index

50%

(Average)

49%

(Average)

+44kg

+2.29

scale

Lot 75 DALEHILL MACBETH ID: IE121580340870 **Breed:** Charolais Sex: Male DOB: 04-Oct-2016 Owner: Basil Kells - Bohora Derrylane Killeshandra Co Cavan Breeder: Eddv Sire: Cavelands Fenian Noaille Janina LZF Indurain **Cavelands Carena** Cavelands Ulricka Oldstone Egbert Dam: Goldengrove Jannet Liscally Eti (Et) IE331379190589 Liscally Blossom Vangogh Goldengrove Macarena Corona Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) per progeny Reliability Charolais breed) €102 32% \star **Terminal Index** $\star\star\star$ (Low) €86 27% **** **** Replacement Index (Low) **Maternal Cow Traits:** €20 25% **Maternal Progeny Traits:** €65 32% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +6.3% 35% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 35% $\star\star$ **** +27kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 33% +17 **** $\star\star$ Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5 28% 24% Breed ave: 5.33%, All breeds ave: 5.88% (Low) *** \star Daughter Milk (kg) -5ka 30% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg **** **** Daughter calving interval (days) -5.17davs 16% Breed ave: -0.87days, All breeds ave: -0.77days (V Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 76 DRUMMULLIAN MAX ID: IE311412170764 **Breed:** Charolais Sex: Male DOB: 05-Oct-2016 Owner: Padraig Mc Grath - Cloonshannagh Elphin Co Roscommon Breeder: Balmyle Thunderbird Sire: Blelack Digger **Balthayock Adonis Balthayock Peach** S956 **Blelack Montgomery Galcantray Abbey** Blelack Rachel Dam: Drummullian Freda 557 **Doonally New** IE311412160557 Intruse **Enfield Newlook** Drummullian Una Allen Omega Star rating (across Star Rating (Within €uro value Index **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €173 45% **** **Terminal Index** **** (Average) €112 44% **** **** Replacement Index (Average) **Maternal Cow Traits:** €4 43% **Maternal Progeny Traits:** €108 45% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +9.1% 49% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 46% **** **** +51kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 45% **** +2 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4 84% 41% Breed ave: 5.33%, All breeds ave: 5.88% (Average) **** $\star\star$ Daughter Milk (kg) +0.4ka47% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg $\star\star$ Daughter calving interval (days) +0.46davs 38% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

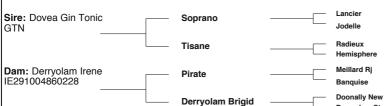
Lot 77 DERRYOLAM MILLIE

 ID:
 IE291004850276
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 07-Oct-2016



Breeder:





Derryolam Star

Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€142	49% (Average)	****
***	Replacement Index	€46	49% (Average)	**
	Maternal Cow Traits :	-€45	49%	
	Maternal Progeny Traits :	€92	49%	
	Dairy Beef			

Star Rating (Within		Index	Trait	Star rating (across
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+7.7%	49% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.11 scale	63% (High)	****
***	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+34kg	51% (Average)	****
**	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.78 scale	48% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+6.17%	46% (Average)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-4.6kg	48% (Average)	*
**	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+0.61days	46% (Average)	**

Additional Information:

Linear composites	Value	Reliability
Muscle	103	55%
Skeletal	108	53%
Function	99	31%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 78 TONROE MAVERICK ID: IE272111850240 **Breed:** Charolais Sex: Male DOB: 11-Oct-2016 Owner: Vincent Callaghan - Tullinacurra Swinford Co Mayo Breeder: Aimable Sire: Lisnagre Elite (Et) Domino Anemone LGL Jupiter **Ballydownan Violet** Ballydownan Simone (Et) Dam: Tonroe Heidi **Bova Sylvain** IE272111840181 Jacobine Pirate Tonroe Ellie Tonroe Alma Star Rating (Within €uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability per progeny Charolais breed) €140 46% **** **Terminal Index** **** (Average) €77 46% **** $\star\star\star$ Replacement Index (Average) **Maternal Cow Traits:** -€9 46% **Maternal Progeny Traits:** €86 46% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8.6% 49% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 46% **** **** +38kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +21 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 46% (Average) +5% Breed ave: 5.33%, All breeds ave: 5.88% * \star Daughter Milk (kg) -8.4ka 47% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg **** **** Daughter calving interval (days) -3davs 44% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 79 ROUGHAN MASK ID: IE161190762328 **Breed:** Charolais Sex: Male DOB: 11-Oct-2016 Owner: Patrick Mc Clean - Roughan Newtowncunningham Lifford Co Donegal Breeder: Romeo Sire: Roughan Gibraltar Cristal FR8574755389 Tulipe Roughan Verygood Davril Unedemars Dam: Roughan Evelyn Roughan Verygood IE161190761362 Noblesse Pirate Roughan Urica Roughan Rose Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) Reliability per progeny Charolais breed) €137 40% **** **Terminal Index** **** (Average) €79 37% **** **** Replacement Index (Low) **Maternal Cow Traits:** -€9 36% **Maternal Progeny Traits:** €89 40% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +6.8% 46% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) ** \star Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 41% **** **** +40kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 39% +1.56**** \star Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5 14% 35% Breed ave: 5.33%, All breeds ave: 5.88% (Low) *** * Daughter Milk (kg) -3.5ka 39% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -2.25davs 34% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 80 ISLANDVIEW MR T ID: IE161996810300 **Breed:** Charolais Sex: Male DOB: 11-Oct-2016 Owner: Tommy Mclaughlin - Ballygorman Malinhead Lifford Co Donegal Breeder: Cooper Sire: Tombapik Jumper Ritournell CH4202 Concile Lavande Divine Texan-Gie Dam: Islandview Holly **Cottage Devon** IE161996870108 Cottage Amelie (Et) Roughan Viceroi **Roughan Dauntless** Roughan Ruth Star Rating (Within €uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) Charolais breed) per progeny €136 43% *** **Terminal Index** **** (Average) 41% €97 **** **** Replacement Index (Average) **Maternal Cow Traits:** €11 40% **Maternal Progeny Traits:** €86 44% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8% 48% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 44% **** **** +41kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 45% ** +1.65**** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 39% (Low) +4 19% Breed ave: 5.33%, All breeds ave: 5.88% **** $\star\star\star$ Daughter Milk (kg) +2.7ka45% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg $\star\star$ Daughter calving interval (days) +0.82davs 37% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 81 TONROE MOSES ID: IE272111860241 **Breed:** Charolais Sex: Male DOB: 13-Oct-2016 Owner: Vincent Callaghan - Tullinacurra Swinford Co Mayo Breeder: Aimable Sire: Lisnagre Elite (Et) Domino Anemone LGL Jupiter **Ballydownan Violet** Ballydownan Simone (Et) (Et) Meillard Ri Dam: Cuillmore Greta Pirate IE272335950185 Banquise Doonally New **Cuillmore Beauty** Ballykilty Ibitor Star Rating (Within €uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability per progeny Charolais breed) €158 47% **** **Terminal Index** **** (Average) 46% €73 **** Replacement Index $\star\star\star$ (Average) **Maternal Cow Traits:** -€27 46% **Maternal Progeny Traits:** €100 47% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8% 49% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** ** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% **** **** +40kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +2 33 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 46% (Average) +5.53% Breed ave: 5.33%, All breeds ave: 5.88% * \star Daughter Milk (kg) -6.8ka 48% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -1.86davs 44% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 82 KILDUFF MAJOR ET ID: IE121098510661 **Breed:** Charolais Sex: Male DOB: 14-Oct-2016 Owner: Robert John Dunne - Corporation Lands Belturbet Co Cavan Breeder: Saint Are Sire: Major Rerlinz Tresorerie **MJR** Vauhan Charmille Tanche Dam: Kilduff Britney Mozart IE121098550368 Jaffa Doonally New Flaughanagh Flaughanagh Ruby Valerie Star rating (across all beef breeds) Star Rating (Within €uro value Index **Economic Indexes** Reliability per progeny Charolais breed) €126 47% *** **Terminal Index** **** (Average) 46% -€41 \star Replacement Index (Average) **Maternal Cow Traits:** -€111 46% Maternal Progeny Traits: €70 47% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +11.4% 47% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 48% **** **** +40kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 49% **** +2 32 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 45% (Average) +6.94% Breed ave: 5.33%, All breeds ave: 5.88% * \star Daughter Milk (kg) -7.2ka 47% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +3.2davs 45% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 83 KILCASTLE MAC ET ID: IE161975730083 **Breed:** Charolais Sex: Male DOB: 14-Oct-2016 Owner: Patrick Pearse Mcnamee - Kiltole Convoy Lifford Co Donegal Breeder: Echo Sire: Farmleigh Ulick Farmleigh Nevada Falconia FLU Shamrock Ambassadeur Shamrock Imelda Shamrock Exquise Oldstone Egbert Dam: Burnside Joppy **Clyth Diplomat** UK906291604887 Clyth Vanlla Balmyle Vagabond **Burnside Eoppy** Burnside Boppy Star Rating (Within €uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €89 29% *** \star **Terminal Index** (Low) €11 27% \star Replacement Index \star (Low) **Maternal Cow Traits:** -€43 27% Maternal Progeny Traits: €54 28% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7.95% 30% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) Breed ave: 0.04, All breeds ave: 0.01 scale Carcass weight (kg) 32% **** \star +24.4kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 31% +1.55**** \star Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 27% (Low) +4 52% Breed ave: 5.33%, All breeds ave: 5.88% *** * Daughter Milk (kg) -4.4ka 30% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -0.98davs 25% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 84 MULLINARY MICHAEL (ET) ID: IE291163010200 Breed: Charolais Sex: Male DOB: 14-Oct-2016 Owner: Peter West - Cormeen Aughnamullen Co Monaghan Breeder: Invincible Sire: Panama Ludwia Hzee PNZ Argenty Marquise Delphine Hermes Dam: Lislin Belinda (Et) **Doonally New** IE121520220470 Intruse Meillard Ri Lislin Ulette **Dolland Polo** Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) Reliability Charolais breed) per progeny €128 34% *** **Terminal Index** **** (Low) -€13 33% \star Replacement Index \star (Low) **Maternal Cow Traits:** -€93 32% **Maternal Progeny Traits:** €80 34% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7.9% 35% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) ** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 38% *** **** +35kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 35% *** +1.88 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5.57% 29% Breed ave: 5.33%, All breeds ave: 5.88% (Low) * * Daughter Milk (kg) -8.6ka 36% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg $\star\star$ Daughter calving interval (days) +0.13davs 24% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 85 ISLANDVIEW MASTER ID: IE161996880307 **Breed:** Charolais Sex: Male DOB: 16-Oct-2016 Owner: Tommy Mclaughlin - Ballygorman Malinhead Lifford Co Donegal Breeder: Mowbravpark Torpedo Sire: Thrunton Flyingscotsman Newhouse Bigal Newhouse Ragbag S1588 Burradon Talisman **Thrunton Vichy** Thrunton Sorrel Dam: Culkenny Gail **Prime Roulette** IE161020140616 Prime Noelle ljoufflu Rr3 Culkenny Sahara Culkenny Lorra Star Rating (Within €uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €122 41% $\star\star\star$ **Terminal Index** **** (Average) €58 38% *** Replacement Index (Low) **Maternal Cow Traits:** -€12 37% Maternal Progeny Traits: €70 41% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +10.2% 45% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 42% **** **** +37kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 41% **** +2.06 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4 92% 35% Breed ave: 5.33%, All breeds ave: 5.88% (Low) *** * Daughter Milk (kg) -2.6ka 38% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg $\star\star$ $\star\star$ Daughter calving interval (days) +0.17davs 35% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 86 ISLANDVIEW MARIO 2 ID: IE161996830310 **Breed:** Charolais Sex: Male DOB: 17-Oct-2016 Owner: Tommy Mclaughlin - Ballygorman Malinhead Lifford Co Donegal Breeder: Aimable Sire: Lisnagre Elite (Et) Domino Anemone LGL Jupiter **Ballydownan Violet** Ballydownan Simone (Et) Invincible Dam: Deeleview Harriet Meillard Ri IE161311520587 Badine Enfield Hara Kiri Deeleview, Rhonda Carnowen Helen Star rating (across Star Rating (Within €uro value Index Economic Indexes all beef breeds) per progeny Reliability Charolais breed) €142 47% **** **Terminal Index** **** (Average) €108 46% **** **** Replacement Index (Average) **Maternal Cow Traits:** €16 46% **Maternal Progeny Traits:** €92 47% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7% 50% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% **** **** +37kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +2 12 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 46% (Average) +5.36% Breed ave: 5.33%, All breeds ave: 5.88% *** \star Daughter Milk (kg) -4ka 48% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg **** **** Daughter calving interval (days) -4.48davs 44% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 87 GARRACLOON MIGHTY MAC ID: IE271017720230 **Breed:** Charolais Sex: Male DOB: 18-Oct-2016 Owner: Aiden Mac Hale - Knockanillaun Ballina Co Mayo Breeder: Aimable Sire: Lyonsdemesne Tzar Domino Anemone TZA Britisch B Kilbov Frivole (Imp Badoit 91f) Erudit Dam: Garracloon Caitilin Jupiter IE271017790047 Colombe Doonally New Garracloon Slim Garracloon Gem Star rating (across all beef breeds) Star Rating (Within €uro value Index **Economic Indexes** per progeny Reliability Charolais breed) €115 36% *** $\star\star\star$ **Terminal Index** (Low) €39 36% *** Replacement Index \star (Low) **Maternal Cow Traits:** -€30 36% Maternal Progeny Traits: €69 36% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8.6% 37% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) ** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 39% $\star\star\star$ **** +32.5kqBreed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 37% *** +1.85**** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 31% (Low) +3 89% Breed ave: 5.33%, All breeds ave: 5.88% ** \star Daughter Milk (kg) -6.6ka 40% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg *** *** Daughter calving interval (days) -1.95davs 33% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 88 TAWNY MIDFIELDER ID: IE231002020576 **Breed:** Charolais Sex: Male DOB: 20-Oct-2016 Owner: Ciaran Daly - Tawnytallan Tullaghan Leitrim Co Leitrim Breeder: Porto Sire: Goldstar Echo Texan-Gie Marquise **GHX Doonally New** Sheehills Ula Ballyboyle Nulla (Imp 00it) Dam: Tawny Haiku Sesame IE231002010492 Nefle Enfield Plexus Tullaghan Ester Tullaghan Veronica Star Rating (Within €uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability Charolais breed) per progeny €147 34% **** **Terminal Index** **** (Low) €89 30% **** **** Replacement Index (Low) **Maternal Cow Traits:** -€7 28% **Maternal Progeny Traits:** €95 34% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7.2% 34% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 38% **** **** +36kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 37% **** +22 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5.8% 22% Breed ave: 5.33%, All breeds ave: 5.88% (Low) ** \star Daughter Milk (kg) -5.6ka 35% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg **** **** Daughter calving interval (days) -2.87davs 17% Breed ave: -0.87days, All breeds ave: -0.77days (V Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 89 CROSSMOLINA MIKE

ID: IE271115281100 **Breed:** Charolais DOB: 24-Oct-2016 Sex: Male



Owner: Alan Wood - Cloonamine House Crossmolina Co Mayo

Bı	ree	de	er:
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Sire: Mandela Vero MVO	n (Et)	Oscar –		Major Toise	
		Camber Rita _		Mogador Blakestown (Imp	GENOMIC 0.'90f) Fauve EVALUATION
Dam: Crossmolina (IE271115240841	Grace 2	Prime Roberto —		Indurain Prime Noelle	
		Crossmolina Carol —		Perou Crossmolina Mo	na
Star Rating (Within Charolais breed)	Econom	ic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
*	Terminal In	dex	€103	50% (Average)	***
*	Replaceme	nt Index	-€15	49% (Average)	*
	Maternal (Cow Traits :	-€69	48%	
	Maternal I	Progeny Traits :	€53	50%	
	Dairy Beef				
Star Rating (Within			Index	Trait	Star rating (across
Charolais breed)	Key pro	fit traits	Value	Reliability	all beef breeds)
	Expe	ected progeny perfo	rmance		
	Calving difficulty Breed ave: 7.15%,A	(% 3 & 4) Ill breeds ave: 4.49%	+12.3%	51% (Average)	
****	Docility (1-5 scal Breed ave: 0.04,All		scale	(Average)	****
***	Carcass weight (Breed ave: 31.75kg	(kg) ,All breeds ave: 14.99kg	+33kg	53% (Average)	****
****	Carcass conform	nation (1-15 scale)	+2.01	47%	****

Expected daughter breeding performance

scale

Breed ave: 1.84,All breeds ave: 1.33

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+4.94%	46% (Average)	
*	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-8.9kg	49% (Average)	*
**	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+0.32days	45% (Average)	**

Additional Information:

Linear composites	Value	Reliability
Muscle		
Skeletal		
Function		

Animal not scored.

Herd data quality index N/A

(Average)

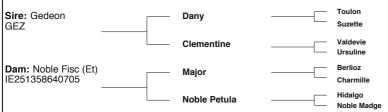
Lot 90 KILVILCORRIS MAJOR ID: IE331352770968 **Breed:** Charolais Sex: Male **DOB:** 02-Nov-2016 Owner: Matt Ryan - Clonismullen Drom Borrisoleigh Thurles Co Tipperary Breeder: Uranium Sire: Doonally New Hermes Athena CF52 Campagnard Intruse Dynamo Vicomte Dam: Kilvilcorris Becka Indurain IE331352750405 Tombola Excellent Kilvilcorris Ivana Kilduff Clarissa Star Rating (Within €uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability per progeny Charolais breed) €161 48% **** **Terminal Index** **** (Average) 48% €13 $\star\star$ Replacement Index (Average) **Maternal Cow Traits:** -€91 48% Maternal Progeny Traits: €103 48% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7.8% 51% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 48% **** **** +37kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 48% **** +2 27 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +6.56% 47% Breed ave: 5.33%, All breeds ave: 5.88% (Average) * \star Daughter Milk (kg) -6.8ka 50% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +3.71davs 47% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 91 NOBLE MONTY 2

ID: IE251358680989 **Breed:** Charolais Sex: Male **DOB:** 04-Nov-2016



Breeder:





Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€143	48% (Average)	****
****	Replacement Index	€51	42% (Average)	**
	Maternal Cow Traits :	-€29	40%	
	Maternal Progeny Traits :	€80	48%	
	Dairy Beef			

	Dairy Beef
Star Rating (Within	

J J (In	dex	Trait	Star rating (across
Charolais breed)	Key profit traits	Va	lue	Reliability	all beef breeds)

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+11.5%	50% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.09 scale	57% (Average)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+48kg	52% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.15 scale	48% (Average)	****

Expected daughter breeding performance

	Breed ave: 5.33%,All breeds ave: 5.88%	+4.98%	36% (Low)	
****	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	+1.9kg	40% (Average)	***
*	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+2.17days	36% (Low)	*

Additional Information:

Linear composites	Value	Reliability
Muscle	117	52%
Skeletal	126	49%
Function	103	16%

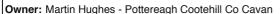
Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

N/A

Lot 92 TONYGLASSON MONSTER

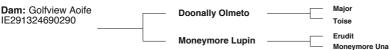
ID: IE291243310073 **Breed:** Charolais Sex: Male **DOB:** 05-Nov-2016













Charolais breed)	Economic Indexes	€uro value per progeny	Reliability	all beef breeds)
****	Terminal Index	€144	48% (Average)	****
***	Replacement Index	€39	44% (Average)	*
	Maternal Cow Traits :	-€46	43%	
	Maternal Progeny Traits :	€85	48%	
	Dairy Beef			

	Daily Deel
Star Rating (Within	

Charolais breed)	Key profit traits	Value	Reliability	all beef breeds	
otal ridding (Within		Index	Trait	Star rating (across	

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+10.2%	51% (Average)	
***	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.04 scale	54% (Average)	***
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+43kg	51% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.08 scale	49% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+3.93%	40% (Average)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-3.7kg	44% (Average)	*
**	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+0.13days	37% (Low)	**

Additional Information:

Linear composites	Value	Reliability
Muscle	118	56%
Skeletal	122	54%
Function	95	26%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index N/A

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Lot 93 CREEVA MONTY ID: IE321200670320 **Breed:** Charolais Sex: Male **DOB:** 06-Nov-2016 Owner: Gerald Lavin - Creevagh Ballyfarnon Boyle Co Sligo Breeder: Extra Sire: Hollowtree Nickolas Enfield Hara Kiri Alpine **HWN** Doves Touriste Vern Diana Mourne Polydora Hermes Dam: Creeva Grace **Doonally New** IE321200670221 Intruse Oscar Carrowcollar Allana Castlemartin Oriole Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) per progeny Reliability Charolais breed) €146 47% **** **Terminal Index** **** (Average) €25 47% $\star\star$ Replacement Index (Average) **Maternal Cow Traits:** -€69 47% Maternal Progeny Traits: €94 47% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7.7% 50% (Average) Breed ave: 7.15%, All breeds ave: 4.49% **** Docility (1-5 scale) **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% **** **** +35kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +2 03 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +7.28% 47% Breed ave: 5.33%, All breeds ave: 5.88% (Average) ** \star Daughter Milk (kg) -6.5ka 49% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +2.18davs 46% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 94 DERRYOLAM MILLINEY

 ID:
 IE291004860277
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 06-Nov-2016



Owner: Niall Mc Nally - Derryolam Carrickmacross Co Monaghan

Breeder:

Sire: Pirate PTE	Meillard Rj		Invincible Badine
	Banquise		Voltaire Proie
Dam: Derryolam Icare E291004890222	Dovea Gin Tonic	$-\!-\!-\!\!\!\!-$	Soprano Tisane
	Derryolam Epacha		Pacha



Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
***	Terminal Index	€136	49% (Average)	****
****	Replacement Index	€90	49% (Average)	***
	Maternal Cow Traits :	-€4	49%	
	Maternal Progeny Traits :	€95	49%	
	Dairy Beef			

Francistad museum monte manage						
Charolais breed)	Key profit traits	Value	Reliability	all beef breed		
Star Rating (Within		Index	Trait	Star rating (acros		

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+4.1%	49% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.18 scale	63% (High)	****
**	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+27kg	51% (Average)	****
***	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.8 scale	48% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+4.82%	46% (Average)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-4.4kg	49% (Average)	*
****	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-3.84days	46% (Average)	****

Additional Information:

Linear composites	Value	Reliability
Muscle	103	55%
Skeletal	100	53%
Function	105	31%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 95 JASGER MARCUS ET

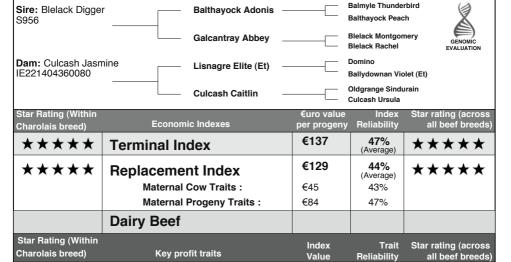
 ID:
 IE182705530223
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 07-Nov-2016



Owner: Richard Murray - Castleboy Kilchreest Loughrea Co Galway

В	ree	ed	е	r	
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Expected progeny performance

Expected progerly performance				
Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+8.3%	46% (Average)		
Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.01 scale	53% (Average)	***	
Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+41kg	52% (Average)	****	
Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.14 scale	47% (Average)	****	
	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49% Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01 Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg Carcass conformation (1-15 scale)	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49% Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01 Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg Carcass conformation (1-15 scale) +2.14	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49% Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01 Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg Carcass conformation (1-15 scale) Carcass conformation (1-15 scale) Carcass conformation (1-15 scale) Carcass conformation (1-15 scale) Carcass conformation (1-15 scale)	

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+5.63%	40% (Average)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-3.6kg	45% (Average)	*
****	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-3.77days	37% (Low)	****

Additional Information:

Linear composites	Value	Reliability
Muscle	116	53%
Skeletal	123	51%
Function	100	27%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

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Lot 96 WINDMILL MARSHALL ID: IE311408930561 **Breed:** Charolais Sex: Male **DOB:** 07-Nov-2016 Owner: Michael Nerney - Chapel Street Elphin Castlerea Co Roscommon Breeder: Sire: Fleetwood Sylvaner Jupe **FWO** Pinay Belle Balmyle Bollinger Dam: Windmill Isobelle Inverlochy Ferdie IE311408920478 Inverlochy Une Doonally New Windmill Barbara Windmill Shania Star Rating (Within €uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability per progeny Charolais breed) €165 46% **** **Terminal Index** **** (Average) €10 44% \star Replacement Index (Average) **Maternal Cow Traits:** -€91 43% Maternal Progeny Traits: €102 47% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +9% 50% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% **** **** +44kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 46% **** +2 58 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4 94% 42% Breed ave: 5.33%, All breeds ave: 5.88% (Average) * \star Daughter Milk (kg) -8.8ka 45% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +1.29davs 37% Breed ave: -0.87days All breeds ave: -0.77days (Low) lue Reliability

		(==)		
Additional Informat	ion:	Linear compo	sites \	Val
		Muscle		
		Skeletal		
		Function		

Animal not scored.

Herd data quality index
N/A

Lot 97 LAHEENS MASTER ID: IE231362540447 Breed: Char

Breed: Charolais Sex: Male **DOB:** 12-Nov-2016



Owner: Cathal Duignan - Laheen House Eslin Bridge Carrick-On-Shannon Co Leitri

Breeder:	
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Sire: Derryolam Impeccable CH2066	Doonally New ————	-	Hermes Intruse
	Derryolam Diamond		Enfield Hara Kiri Meath Sheena
Dam: Laheens Fancy 1 IE231362540323	 Fury Action ———	-	Domino Fury Treasure
	Labana Una (FA)		Meillard Rj

Laheens Una (Et)



Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€149	45% (Average)	****
****	Replacement Index	€74	42% (Average)	***
	Maternal Cow Traits :	-€17	41%	
	Maternal Progeny Traits :	€91	46%	
	Dairy Beef			

Star Rating (Within	

Charolais breed)	Key profit traits	Value	Re	
		muex		

Trait	Star rating (acros
Reliability	all beef breed

Kilmore Eva

Expected progeny perfor	mance
Calving difficulty (%, 3, 8, 4)	.100/

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+10%	49% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.29 scale	63% (High)	****
****	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+42kg	47% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+2.27 scale	44% (Average)	****

conformation (1-15 scale)	+2.27	44%	**
: 1.84,All breeds ave: 1.33	scale	(Average)	
	_		

	Expected daughter breeding performance				
	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+5.14%	39% (Low)		
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-4.4kg	42% (Average)	*	
****	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	-1.53days	38% (Low)	***	

Additional Information:

Linear composites	Value	Reliability
Muscle	111	53%
Skeletal	114	50%
Function	107	20%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 98 AQUANCHOUA MATT ET ID: IE121551590486 **Breed:** Charolais Sex: Male **DOB:** 16-Nov-2016 Owner: Peter Mc Loughlin - Lakeview Clonandra Redhills Co Cavan Breeder: Saint Are Sire: Major Rerlinz Tresorerie **MJR** Vauhan Charmille Tanche Hermes Dam: Gurtavalla Debbie Et **Doonally New** IE241009380234 Intruse Indurain Gurtavalla Naomi Rathcoole Jacqui Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) Reliability per progeny Charolais breed) €140 36% **** **Terminal Index** **** (Low) €21 35% $\star\star$ Replacement Index \star (Low) **Maternal Cow Traits:** -€67 34% Maternal Progeny Traits: €89 36% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8.05% 37% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 39% **** **** +38.5kqBreed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 38% **** +2.04**** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +6.07% 34% Breed ave: 5.33%, All breeds ave: 5.88% (Low) *** \star Daughter Milk (kg) -4.5ka 33% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +2.67davs 31% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

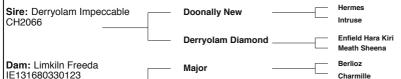
Lot 99 LIMKILN MAN MADE

 ID:
 IE131680330197
 Breed:
 Charolais

 Sex:
 Male
 DOB:
 21-Nov-2016

Owner: Richard Hackett - Coolistique Clonlara Co Clare





Limkiln Susan



Indurain

Limkiln Noleen

Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€136	44% (Average)	****
**	Replacement Index	€31	42% (Average)	*
	Maternal Cow Traits :	-€56	41%	
	Maternal Progeny Traits :	€87	45%	
	Dairy Beef			

	Daily Deel	
Star Pating (Within		

Star Hatting (Within		Index	Trait	Star rating (across
Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)
				<i></i>

Expected progeny performance

	Calving difficulty (% 3 & 4) Breed ave: 7.15%,All breeds ave: 4.49%	+6.9%	49% (Average)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0.01	0.09 scale	46% (Average)	****
***	Carcass weight (kg) Breed ave: 31.75kg,All breeds ave: 14.99kg	+36kg	44% (Average)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.84,All breeds ave: 1.33	+1.96 scale	43% (Average)	****

Expected daughter breeding performance

	Daughter calving diff (% 3 & 4) Breed ave: 5.33%,All breeds ave: 5.88%	+6.19%	39% (Low)	
***	Daughter Milk (kg) Breed ave: -4.58kg,All breeds ave: 2.09kg	-4.6kg	42% (Average)	*
*	Daughter calving interval (days) Breed ave: -0.87days,All breeds ave: -0.77day	+1.66days	38% (Low)	*

Additional Information:

Linear composites	Value	Reliability
Muscle	112	30%
Skeletal	113	29%
Function	115	17%

Animal scored. Scores or weaning weights NOT included in evaluation

Herd data quality index

Lot 100 CROSSMOLINA MAXWELL ET

ID: IE271115251106 **Breed:** Charolais Sex: Male **DOB**: 22-Nov-2016





Dieeuei.					
Sire: Harestone Hercules Goldies E S2163		— Goldies Estate —		Thrunton Camelo	ot
		— Harestone Celeste		Harestone Triom Harestone Oona	GENOMIC
Dam: Crossmolina I IE271115220518	Bertie	— Doonally New —		Hermes Intruse	
		Crossmolina — Stephnie		Richmond North Crossmolina Ho	ре
Star Rating (Within Charolais breed)	Eco	onomic Indexes	€uro value per progen		Star rating (across all beef breeds)
***	Termina	l Index	€127	41% (Average)	****
*	Replace	ment Index	€7	39% (Low)	*
	Mate	rnal Cow Traits :	-€67	38%	
	Mate	rnal Progeny Traits :	€74	41%	
	Dairy Be	ef			
Star Rating (Within Charolais breed)	Ke	y profit traits	Index Value	Trait Reliability	Star rating (across all beef breeds)
		Expected progeny perfor	mance	-	
		culty (% 3 & 4) 15%,All breeds ave: 4.49%	+10.5%	43% (Average)	
****	Docility (1-5 Breed ave: 0.0	scale) 04,All breeds ave: 0.01	scale	(Average)	****
****	Carcass we Breed ave: 31	ight (kg) .75kg,All breeds ave: 14.99kg	+38kg	43% (Average)	****
*		nformation (1-15 scale) 34,All breeds ave: 1.33	+1.64 scale	38% (Low)	***
	Exp	pected daughter breeding	g performa	ince	
	Daughter ca Breed ave: 5.3	alving diff (% 3 & 4) 33%,All breeds ave: 5.88%	+6.04%	36% (Low)	
****	Daughter M Breed ave: -4.	ilk (kg) 58kg,All breeds ave: 2.09kg	-1.7kg	41% (Average)	*
*		alving interval (days) 87days,All breeds ave: -0.77day	+1.89day	34% (Low)	*
Additional Informat	ion:			Linear compo	sites Value Reliability

Linear composites	Value	Reliability
Muscle		
Skeletal		
Function		

Herd data quality index Animal not scored.

Lot 101 CATTANVIEW MARIO ID: IE231484140055 **Breed:** Charolais Sex: Male **DOB:** 26-Nov-2016 Owner: Tim Higgins - Drumadorn Cloone Carrick On Shannon Co Leitrim Breeder: Laurel Sire: Fiston Tinor Odette **FSZ** Populair Baronne Tristesse Verlaine Dam: Kye Ivana Balthazar IE311401180215 Tetanie Meillard Ri **Kve Dolores** Kye (Bha) Patricia Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) Reliability per progeny Charolais breed) €141 35% **** **Terminal Index** **** (Low) €42 32% *** Replacement Index \star (Low) **Maternal Cow Traits:** -€46 31% **Maternal Progeny Traits:** €88 35% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7.9% 35% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 37% **** **** +37.5kqBreed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 37% **** +2 25 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +6 25% 26% Breed ave: 5.33%, All breeds ave: 5.88% (Low) *** \star Daughter Milk (kg) -4.4ka 34% (Low) Breed ave: -4.58kg, All breeds ave: 2.09kg $\star\star$ $\star\star$ Daughter calving interval (days) +0.62davs 24% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 102 SIONHILL MORPHE ID: IE361318860821 **Breed:** Charolais Sex: Male **DOB:** 27-Nov-2016 Owner: Ronan Carey - Sion Hill Killucan Co Westmeath Breeder: Uranium Sire: Doonally New Hermes Athena CF52 Campagnard Intruse Dynamo Acrobate Dam: Sionhill Etanche Coddes FR5811209484 Paquerette Rutillant Valse Religion Star Rating (Within €uro value Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €138 47% **** **Terminal Index** **** (Average) €37 46% *** Replacement Index (Average) **Maternal Cow Traits:** -€51 45% **Maternal Progeny Traits:** €88 47% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7.3% 49% (Average) Breed ave: 7.15%, All breeds ave: 4.49% **** Docility (1-5 scale) **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% *** **** +34kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +194**** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 45% (Average) +5 18% Breed ave: 5.33%, All breeds ave: 5.88% *** \star Daughter Milk (kg) -3ka 47% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +3.73davs 44% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 103 CAMBER MICHAEL (ET) ID: IE231395030384 Breed: Charolais Sex: Male **DOB**: 29-Nov-2016 Owner: Vincent Mc Brien - Camber Corriga Co Leitrim Breeder: Invincible Sire: Pirate Meillard Ri Radine PTE Voltaire **Banquise** Proie Domino Dam: Camber Agnes Lvonsdemesne Tzar IE231395010176 Kilboy Frivole (Imp 91f) **Doonally Fabus Camber Mignon** Blakestown (Imp. '90f) Fatima Star Rating (Within €uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability Charolais breed) per progeny €129 36% *** **Terminal Index** **** (Low) €73 35% **** *** Replacement Index (Low) **Maternal Cow Traits:** -€9 35% **Maternal Progeny Traits:** €82 36% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +7.15% 38% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) *** *** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 38% *** **** +35kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 37% ** +1 72 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 36% (Low) +4 26% Breed ave: 5.33%, All breeds ave: 5.88% *** \star Daughter Milk (kg) -5.1ka 40% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg **** **** Daughter calving interval (days) -4.73davs 30% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 104 BROCCA MATCHMAKER ET ID: 372226059550067 **Breed:** Charolais Sex: Male **DOB**: 29-Nov-2016 Owner: John Barry Moran - Brocka Fardrum Athlone Co Westmeath Breeder: Saint Are Sire: Major Rerlinz Tresorerie MJR Vauhan Charmille Tanche Erudit Dam: Celtic India (Et) Jupiter IE221152640584 Colombe Indurain Celtic Starlight Mollegardens Fryd (Imp. '94d) Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) Reliability per progeny Charolais breed) €109 46% $\star\star$ **Terminal Index** **** (Average) €N 46% \star Replacement Index (Average) **Maternal Cow Traits:** -€65 46% Maternal Progeny Traits: €65 46% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8.8% 47% (Average) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Average) Carcass weight (kg) 47% $\star\star\star$ **** +31kg Breed ave: 31.75kg,All breeds ave: 14.99kg (Average) Carcass conformation (1-15 scale) 47% **** +1.92 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Average) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 46% (Average) +5.8% Breed ave: 5.33%, All breeds ave: 5.88% *** \star Daughter Milk (kg) -4.6ka 47% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg \star \star Daughter calving interval (days) +2.89davs 44% Breed ave: -0.87days, All breeds ave: -0.77days (Average) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

Lot 105 CAMBER MACY (ET) Breed: Charolais ID: IE231395070388 Sex: Male **DOB:** 30-Nov-2016 Owner: Vincent Mc Brien - Camber Corriga Co Leitrim Breeder: Uranium Sire: Doonally New Hermes Athena CF52 Campagnard Intruse Dynamo Domino Dam: Camber Agnes Lvonsdemesne Tzar IE231395010176 Kilboy Frivole (Imp 91f) **Doonally Fabus Camber Mignon** Blakestown (Imp. '90f) Fatima Star Rating (Within €uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability Charolais breed) per progeny €138 36% **** **** **Terminal Index** (Low) €26 36% $\star\star$ Replacement Index \star (Low) **Maternal Cow Traits:** -€59 36% Maternal Progeny Traits: €85 36% **Dairy Beef** Star Rating (Within Index Star rating (across **Trait** Charolais breed) Key profit traits Value Reliability all beef breeds) Expected progeny performance Calving difficulty (% 3 & 4) +8.6% 38% (Low) Breed ave: 7.15%, All breeds ave: 4.49% Docility (1-5 scale) **** **** Breed ave: 0.04, All breeds ave: 0.01 scale (Low) Carcass weight (kg) 38% **** **** +38kg Breed ave: 31.75kg, All breeds ave: 14.99kg (Low) Carcass conformation (1-15 scale) 37% *** +1 81 **** Breed ave: 1.84, All breeds ave: 1.33 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4 95% 36% Breed ave: 5.33%, All breeds ave: 5.88% (Low) ** \star Daughter Milk (kg) -5.7ka 40% (Average) Breed ave: -4.58kg, All breeds ave: 2.09kg $\star\star$ $\star\star$ Daughter calving interval (days) +0.69davs 34% Breed ave: -0.87days, All breeds ave: -0.77days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. N/A

AFTER PURCHASE CARE OF YOUNG STOCK BULLS

Purchasing a stock bull is a significant investment in future performance, output and genetic gain. This investment is well worth taking good care of. A well looked after bull may perform better and last longer. The following snippets are intended to provide a check list for purchasers.

Immediate Aftercare

- A 60+ day transition period recommended to get the young bull accustomed to the new environment.
- A sale and associated transportation generate stressful conditions that will lower an animal's immune system and extra vigilance is required.
- A change of owners usually results in a new diet, a new environment, new stock and perhaps new disease challenge.
- Take care when transporting the bull home from the sale, he may have never travelled alone
 before and this may induce some anxiety. On arrival do not totally isolate him from other
 stock. If he is being penned alone it would be helpful to have an animal in the next pen etc.
- Find out what you can about the bull's diet prior to purchase and if possible start with 60-70% of the previous diet and use a 3-4 week transition period.
- Young bulls still need to grow by at least one kilogram/day, so do not withdraw concentrates too rapidly.
- Bulls require exercise to remain fit so ensure they are not overly confined.
- Introduce cows to the bull as they come on heat initially until you are sure that he is serving
 correctly. It is also advisable to ensure you abide by the terms of any insurance terms and
 conditions that may require you to check his ability to put a female in-calf within a time
 period.

Health Issues

- BVD can be a devastating disease. Bulls being purchased are certified virus free and ideally
 vaccinated. If the bull is entirely clean and comes in contact with an animal shedding the
 BVD virus, he could succumb to transient infection and whilst he will probably recover
 fully, fertility may be impaired.
- It is strongly recommended to vaccinate bulls annually against IBR, PI 3 and RSV viruses.
- Treat bulls for internal and external parasites twice yearly at a minimum.
- Consider giving an annual booster vaccine against Clostridial diseases.
- Consider vaccinating against Leptospirosis and other contagious diseases depending on local risk and veterinary advice.

Nutritional Requirements

- Whilst in may be desirable to reduce the level of fleshing on some young bulls it is
 important to appreciate they are still rapidly growing and have a higher nutritional
 requirement than other cattle of similar weight, especially during the breeding season.
- The plan of nutrition must support reproduction performance.
- Target condition score 2.5-3.0.
- Young bulls on poor pasture may need supplementation.
- Note: Mineral/Vitamin deficiency will reduce fertility.
- In the months before the breeding season assess condition and general health status and act accordingly.
- During the breeding season supplement if necessary.

BIIII ACE

 After the breeding season, some bulls may need supplementation to replenish reserves, repair the body and get ready for a new season especially where there are two calving periods (Spring and Autumn)

General Management

- Observe in action frequently in case of any injury, lameness, general health issues or structural soundness issues.
- When housed, bull pens' should always be adequately spacious to facilitate exercise and the lying area comfortable and safe.

Bull Power Guide

Over working the bull should be avoided and the following table is used internationally as a
guide to the bull per cow ratio advisable.

MIIMBER OF COWS

 BULL AGE	NUMBER OF COWS	
Yearling	15 - 20	
2 Year Old	20 - 30	
3 Year Old	30 - 40	

The best simple rule to use is 1 cow/month of age once over 15 months







NEXT OFFICIAL SHOWS/SALES

TULLAMORE MART Saturday, 17th February, 2018 Males Only.

ELPHIN MART PREMIER SHOW/SALE Saturday, 24th March, 2018

Males & Females All Pre-Inspected.





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