Show & Sale Arrangements

Safety Officer: John Poland

7.30am In-take of Cattle

10.30a.m. Judging of Classes

Judge: Adam Woods

Stewards: John Conroy

Michael Fox

Sale Steward: John Beirne

CLASSES LOT NOS.

| 1. Male | 1 – 12 | | | | |
|--|----------------|---------------|-------------|---------|--|
| 1st | 2nd | 3rd | 4th | 5th | |
| 2. Male | 13 – 24 | | | | |
| 1st | 2nd | 3rd | 4th | 5th | |
| 3. Male | born 14th May | 2012 – 8th Ju | ne 2012 | 25 – 37 | |
| 1st | 2nd | 3rd | 4th | 5th | |
| 1. Male | 38 – 49 | | | | |
| 1st | 2nd | 3rd | 4th | 5th | |
| 2. Male born 11th July 2012 – 20th August 2012 50 – 61 | | | | | |
| 2. Male | born 11th July | 2012 – 20th A | lugust 2012 | 30 - 01 | |
| 2. <i>Male</i> 1 | 2nd | 3rd | 4th | 5th | |
| 1st | 2nd | 3rd | | 5th | |

12.30pm Sale Commences in Catalogue Order

First five (5) animals into the ring, if unsold, may be re-run after 20 lots.

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 Tullamore Mart, 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 Tullamore Mart, or of their respective servants or agents or otherwise.

Males: 1 – 72

Minimum opening bid: €1,500

INDEXES

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).

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) The minimum testing requirements:

TB Test: - 90 days

Brucellosis Test: 60 day test required for females 24 months and over and bulls 24 months and over.

(c) The Bull and Female Fertility Guarantees as printed apply to the Sale.

SALE

- (a) All 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.
- (b) 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. The male champion will normally be offered for sale after the first twenty male lots have gone through the sales' ring and the female champion will normally be offered for sale after the first five female lots have gone through the sales' ring.
- (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 full price (including 5% commission) thereof shall be paid by the Purchaser to the Auctioneers. On the full price (including the 5% commission) being paid, the Purchaser shall receive from the Auctioneers 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 Auctioneers at the commencement of the Sale. No animal shall be removed without the Auctioneer'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 or specifically given by the Vendor in the catalogue, 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.
- (I) 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) 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
- (n) 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 Tuberculosis and Brucellosis. 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 + 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 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.

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 in calf to the service date or date of artificial insemination and to the bull stated, unless any alteration to these 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 6.00 p.m. 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.

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

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.

Calves, sold at dam's foot are given to the Purchaser free. No guarantees apply unless specifically given by the Vendor at the time of sale.

All other unserved females 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.

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. 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.

BULL FERTILITY GUARANTEES

CONDITIONS

- 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.

GUARANTEE

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 the sale.

The Vendor 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 Vendor therefore indemnifies the Purchaser against infertility by including with the Sale a certificate of Insurance to cover the foregoing guarantee. The amount insured will be the total purchase price of the bull.

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.
- (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, of the month in which it is proposed to commence using the bull. At the discretion of the Insurers 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. The Insurers shall not unreasonably refuse to extend the time and in any event shall communicate its decision in writing to the Purchaser within seven days of receipt of the said notice from the Purchaser.
- (c) The Purchaser shall give notice in writing by registered post 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 before 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 shall forward to the Purchaser a Bull Fertility Report form which must be completed by a Veterinary Surgeon and returned to the Insurers within 30 days of the date of issue, accompanied by a Certificate by a 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.
- (e) The Purchaser shall (if required) allow a Veterinary Surgeon appointed by the Insurers to examine the bull.
- (f) In the event of the Insurers and the Purchaser failing to agree on whether or not the bull is capable of fulfilling the guarantee in accordance with the forgoing provisions, or in the event of any other dispute arising between the parties concerning the implementation or interpretation of this guarantee, the said dispute shall be and is hereby referred to arbitration by a single arbitrator, to be agreed between the Insurers and the Purchaser (or in default of agreement to be nominated by the President for the time being of the Incorporated Law Society of Ireland) such arbitration to be conducted in accordance with the Arbitration Acts 1954 and 1980. The aforementioned referral to arbitration shall be a condition precedent to the commencement of any other legal action.
- (g) All claims will be between the Purchaser and the Insurer. The Vendor 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) The Society, the Auctioneer or the Mart Management/Owners will not be under any liability whatever to the Purchaser in respect of any loss sustained by the Purchaser howsoever arising, whether it be consequential or otherwise.
- (i) The Insurers referred to in this guarantee are: FBD Insurance Plc., FBD House, Bluebell, Dublin 12. Tel. 01 4093200

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.

NEW €URO STAR INDEX

Background

The Suckler Beef Value Index and its 5 sub-indexes were launched in 2007. Earlier this year 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 evaluations which produce the predicted transmitting abilities
- 3) Exploration of alternative indexes to the SBV.

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

1. Terminal Index. This index should be used for selecting sires to breed calves which are destined for slaughter. This index is composed of eight 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 KEY TRAITS

| Trait Type | Made up of these traits | Relative Emphasis % |
|----------------|----------------------------------|------------------------|
| Colving Troits | Colving difficulty (direct and | 30% |
| Calving Traits | Calving difficulty (direct and | 30 % |
| | maternal), gestation & mortality | |
| Docility | Weanling Docility | 3% |
| Beef | Carcass Weight, Carcass | 49% |
| | Conformation & Carcass Fat | |
| Feed Intake | Weanling, Replacement Heifer | 18% |
| | and Cow Intake | |

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 KEY TRAITS

| Trait Type | Made up of these traits | Relative |
|----------------|------------------------------------|------------|
| | | Emphasis % |
| Calving Traits | Calving difficulty (direct and | 21% |
| | maternal), gestation & mortality | |
| Docility | Weanling and Cow Docility | 4% |
| Beef | Carcass Weight, Carcass | 26% |
| | Conformation, Carcass Fat and | |
| | Cull Cow Weight | |
| Milk | Daughter Milkability | 9% |
| Daughters | Age 1st calving, calving interval, | 17% |
| Fertility | survival | |
| Feed Intake | Weanling, Replacement Heifer and | 23% |
| | Cow Intake | |

3. Dairy Beef Index. This index is for selecting sires to use on dairy cows and is still under construction.

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).

FIVE STAR ARE BEST FOR ALL TRAITS

| 5 stars | An animal is in the top 10% of the breed for that trait |
|-------------|--|
| 4 1/2 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 1/2 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 has | The lower the figure the |
|----------------------|-----------------------------|----------------------------------|
| , | come down from 8.26% to | more easy calving the animal |
| | 7.55% | is (eg 5.25% is easier than |
| | | 11.25%) |
| Docility | Charolais Breed Average | The higher the figure the |
| (1-5 scale) | 0.03 | more docile the animal (eg |
| | | 0.06 is better than 0.03) |
| Carcase Weight (kg) | Charolais Breed Average | The higher the figure the |
| | +31.88kg | better (eg +32.92kg is better |
| | | than +31.88kg) |
| Carcase Conformation | Charolais Breed Average | The higher the figure the |
| (1-15 scale) | +1.9 | better (eg +2.1 is better than |
| | | +1.9) |

Expected Daughter Breeding Performance

| Expected Daughter Dreeding resjointance | | | | | |
|---|-----------------------------|-------------------------------------|--|--|--|
| Daughter Calving Difficulty | Charolais Breed Average has | The lower the figure the | | | |
| | come down from 5.82% | better (eg 3.82% is better | | | |
| | to 4.95% | than 4.95%) | | | |
| Daughter Milk (kg) | Charolais Breed Average | The lower the (-) figure the | | | |
| | -5.65kg | better (eg -3.8kg is better | | | |
| | | than -5.65kg) | | | |
| Daughter Calving Interval | Charolais Breed Average | The lower the figure the | | | |
| (days) | -0.06 | better (eg -0.90 days is | | | |
| | | better than +0.45days) | | | |



| Lot 55 | Vendor Basil Arnold - Mullaghdoo Killeshandra Co Cavan |
|------------|---|
| 10 | David Beisty - Cartron Ballinagare Castlerea Co Roscommon |
| 17, 29 | Basil Bothwell - Dereskit Killeshandra Co Cavan |
| 42 | Michael Joseph Brehony - Scregg Knockcroghery Co Roscommon |
| 24, 26 | Fergus Byrne - Ballydownan Geashill Co Offaly |
| 7 | Ronan Carey - Sion Hill Killucan Co Westmeath |
| 9, 38 | Joseph Casserly - Cashel Newtowncashel Co Longford |
| 22 | Joe Clancy - Gortreevagh Oughterard Co Galway |
| 66 | Glenn Cooper - Cahir Coolrain Portlaoise Co Laois |
| 33, 39 | John Costigan - The Meadows Clonad Portlaoise Co Laois |
| 57, 62 | Declan Dalton - Dirreen Athea Co Limerick |
| 46, 47, 69 | Ciaran Daly - Tawnytallan Tullaghan Leitrim Co Leitrim |
| 13 | Michael Daniel Daly - Wardhouse Tullaghan Co Leitrim |
| 70 | Bernadette Dunne - Martinstown Curragh Co Kildare |
| 41, 64 | David Erskine - Crosses Monaghan Co Monaghan |
| 37 | Padraig Farrell - Aughavoneen Fardrum Athlone Co Westmeath |
| 32, 45 | Aidan Farrell - Boyanna Moate Co Westmeath |



| Lot 51 | Vendor Gerard Feeley - Scregg Carrick On Shannon Co Roscommon |
|------------|---|
| 27 | Ann Feeley - Clooncellan Ballymurray Roscommon Co Roscommon |
| 43, 49 | Arthur Finnan - Hill Villa Knocklong Co Limerick |
| 1 | John Frost - Drumline Newmarket On Fergus Co Clare |
| 6 | Edward Greene - Killaderry Daingean Co Offaly |
| 61 | Richard Hackett - Coolistigue Clonlara Co Clare |
| 30 | Thomas Hynes - Carrowmacloughlin Murrisk Westport Co Mayo |
| 28 | Mr Michael Kavanagh - Brownshill Ave Carlow Co Carlow |
| 71, 72 | Anthony Kelly - Kingstown Ahascragh Ballinasloe Co Galway |
| 4 | John P Kilmartin - Ballinla Killucan Co Westmeath |
| 58 | John Mc Weeney - Longstore Ballinamore Co Leitrim |
| 16, 21, 48 | Seamus Mc Cann - 80 Northlands Bettystown Co Meath |
| 15, 60 | Anthony Mc Colgan - Culkeeny Lifford Co Donegal |
| 18 | Peter Mcdonnell - Skiddernagh Manulla Castlebar Co Mayo |
| 11, 31 | Peter Mc Givney - Cloonagh Dring Co Longford |
| 23, 25 | Noel Mc Goldrick - Cloonohill Drumlish Co Longford |
| 12, 14 | Michael Mc Hugh - Castlekevin Annamoe Co Wicklow |



| Lot | Vendor |
|-----------|---|
| 5 | Sean Mc Loughlin - Drumgowna Keshcarrigan Carrick On Shannon Co Leitrim |
| 2 | Wayne Mulligan - Rathfeston Geashill Co Offaly |
| 56 | Michael Nerney - Chapel Street Elphin Castlerea Co Roscommon |
| 3, 34, 40 | Robert Nugent - Cliffin Killinkere Virginia Co Cavan |
| 44, 63 | Richard O'Beirne - Ardour Cloghans Hill Tuam Co Galway |
| 67 | Jerry O'Keeffe - Woodlawn Grange Knocklong Co Limerick |
| 59, 68 | Nigel Peavoy - Longmeadow Shannon Road Mountrath Co Laois |
| 53 | James Phelan - Rathnageera Garryhill Co Carlow |
| 19, 20 | Michael J Quin - Clenagh Newmarket On Fergus Co Clare |
| 65 | Martin Ryan - Copperfield House Cabra Thurles Co Tipperary |
| 36 | William Scanlon - Furmoyle Carrowniskey Westport Co Mayo |
| 50, 52 | Patrick Stephens - Rosanna House Rathoe Tullow Co Carlow |
| 8 | Noel Timothy Sugrue - Kilbline House Bennettsbridge Co Kilkenny |
| 35 | Frank Warburton - Boggagh Moate Co Westmeath |
| 54 | Daniel Weston - Meelick Rosenallis Portlaoise Co Laois |

Lot 1 Drumline Henry ID: IE131191190847 **Breed:** Charolais Sex: Male **DOB**: 06-Feb-2012 Owner: John Frost - Drumline Newmarket On Fergus Co Clare Breeder: Lancier Sire: Dovea Gin Tonic Soprano Jodelle **GTN** Radieux Tisane Hemisphere Oriental Dam: Drumline Ethel Bova Sylvain IE131191150744 Jacobine Doon Utopia **Drumline Cathy Drumline Melanie** Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €99 31% *1 **Terminal Index** **1 (Low) €16 32% * 1 Replacement Index 10 (Low) Maternal Cow Traits: **-€ 140** 32% **Maternal Progeny Traits:** € 156 32% **Dairy Beef** Star Rating (Within Index Trait Star rating (across Charolais breed) Key profit traits Value Reliability all beef breeds) Animal not scored. Group of 5 was Additional Information: Value Reliability Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 was possible

N/A

Lot 2 Rathfeston Harvey ID: IE301074910256 Breed: Charolais Sex: Male **DOB**: 10-Mar-2012 Owner: Wayne Mulligan - Rathfeston Geashill Co Offaly Breeder: Nougat Sire: Ballydownan Colm (Et) Picador IE301098170929 Matra Ballydownan Hermes Ballydownan Niamh Simone (Et) Berlioz Dam: Royal Viola 5017 Royal Pacha IE151757510772 Charmille Royal (Imp.'90f) Eden Royal Jacinth Royal Funny Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) Charolais breed) per progeny € 95 24% **Terminal Index** **1 * (Low) -€16 20% A: Replacement Index 10 (Low) Maternal Cow Traits: **-€** 150 16% **Maternal Progeny Traits:** €135 24% **Dairy Beef** Star Rating (Within Index Trait Star rating (across Charolais breed) Key profit traits Value Reliability all beef breeds) Animal not scored. Group of 5 was

| Additional Information: | ١. | | | |
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| Additional information: | | Linear composites | Value | Reliability |
| | | Muscle | | |
| | | Skeletal | | |
| | | Function | | |
| | - [| | | |
| | | Herd data quality in | idex | |
| Animal not scored. Group of 5 was possible | | N/A | | |

Lot 3 Cliffin Harry ID: IE121413570560 **Breed:** Charolais Sex: Male **DOB**: 13-Mar-2012 Owner: Robert Nugent - Cliffin Killinkere Virginia Co Cavan Breeder: Hermes Sire: Limkiln Bosco **Doonally New** Intruse **KIB** Limkiln Sarah Indurain Limkiln Josie Frudit Dam: Grangwood Vera (Et) Jupiter IE241054830080 Colombe Blakestown Huit Elphin Lovely Lady -**Elphin Graine** Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €93 33% **Terminal Index** **1 * (Low) -€ 46 32% A: Replacement Index 10 (Low) Maternal Cow Traits: -€172 30% **Maternal Progeny Traits:** €126 33% **Dairy Beef** Star Rating (Within Index Trait Star rating (across Charolais breed) Key profit traits Value Reliability all beef breeds) Animal not scored. Group of 5 was

| Additional Information: | Linear composites | Value | Reliability |
|--|-------------------------|-------|-------------|
| | Muscle | | |
| | Skeletal | | |
| | Function | | |
| | | | |
| | Herd data quality index | | |
| Animal not scored. Group of 5 was possible | N/A | | |

Lot 4 Killucan Hawk ID: IE361314070135 **Breed:** Charolais Sex: Male **DOB**: 19-Mar-2012 Owner: John P Kilmartin - Ballinla Killucan Co Westmeath Breeder: Indice Sire: Lisnagre Ciaran Nelson Etoile IE361072650412 **Doonally New** Lisnagre Lisnagre Nora Tionamarie Erriff Savo (Et) Dam: Drumgarra Darling Anneskeagh IE291666350079 Anneskeagh (Imp 00f) Palme Dor Apache Enfield Plexus Drumgarra Lyonsdemesne Tara Verylucky Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 115 18% ***1 **Terminal Index** **** (V Low) 16% € 27 ** Replacement Index (V Low) Maternal Cow Traits: -€ 147 12% **Maternal Progeny Traits:** €174 19% **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 1% 21% (Low) Breed ave: 7.55%.All breeds ave: 4.99% n Docility (1-5 scale) 17% ** *** Breed ave: 0.03.All breeds ave: 0 scale (V Low) Carcass weight (kg) 22% **** ***1 +33kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.93 20% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5.2% 10% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% *** * Daughter Milk (kg) -6.2kg 10% (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg ** Daughter calving interval (days) +0.47davs 11% Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Linear composites Reliability Muscle 117 16% Skeletal 104 15% Function 106 9% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 5 Forestview Hermes ID: IE231342980192 **Breed:** Charolais Sex: Male **DOB**: 21-Mar-2012 Owner: Sean Mc Loughlin - Drumgowna Keshcarrigan Carrick On Shannon Co Leitrim Breeder: Uranium Sire: Doonally New Harmas Athena CF52 Campagnard Intruse Dynamo Oriental Dam: Forestview Abbie **Bova Sylvain** IE231342910112 Jacobine Shamrock Ambassadeur Forestview Nuala Skidoo Innocente Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 121 32% **** **Terminal Index** **** (Low) *** € 64 33% Replacement Index ** (Low) Maternal Cow Traits: -€ 121 34% **Maternal Progeny Traits:** € 185 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 4% 34% (Low) Breed ave: 7.55%.All breeds ave: 4.99% 0.22 Docility (1-5 scale) 56% **** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 32% ***1 **** +33kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.85 32% ** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 29% (Low) +4.8% Breed ave: 4.95%, All breeds ave: 5.19% *** * Daughter Milk (kg) -4.8kg 31% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg * 1 Daughter calving interval (days) 33% +0.92davs Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 101 33% Skeletal 100 32% Function 129 28% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 6 Cloncarl Hercules ID: IE301106430115 **Breed:** Charolais Sex: Male **DOB**: 27-Mar-2012 Owner: Edward Greene - Killaderry Daingean Co Offaly Breeder: Invincible Sire: Pirate Meillard Ri Badine PTE Voltaire **Banquise** Proie Orfeo Dam: Cloncarl Edel Sang D'Or IE301106420097 Legion Excellent Cloncarl Ursula Barrowvale Rita Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 117 30% **** **Terminal Index** **** (Low) € 23 29% ** Replacement Index * (Low) Maternal Cow Traits: -€ 141 29% **Maternal Progeny Traits:** € 164 30% **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) +10.4% 30% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) *** *** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) **** 30% **** +39kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.06 30% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 27% (Low) +4.3% Breed ave: 4.95%, All breeds ave: 5.19% ** * Daughter Milk (kg) 28% -7kg (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg ***1 *** Daughter calving interval (days) -0.59davs 29% Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 not possible N/A

Lot 7 Sionhill Hank ID: IE361318850614 **Breed:** Charolais Twin to Female Sex: Male **DOB**: 01-Apr-2012 Owner: Ronan Carey - Sion Hill Killucan Co Westmeath Breeder: Lucky Deep Sire: Blakestown Uncle Sam 5517 Blakestown Jeunette IE261077240456 Obelix 5164 Blakestown lacquemart Junon Penelope Hermes Dam: Sionhill Beryl **Doonally New** IE361318840241 Intruse Blakestown Huit Drumhanny Peggy Drumhanny Liz Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 103 29% **Terminal Index** *** (Low) € 23 27% ** Replacement Index * (Low) Maternal Cow Traits: **-€** 132 25% **Maternal Progeny Traits:** € 156 29% **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% 26% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.04 53% *** *** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 38% **** **1 +31kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.78 33% * 1 *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4.6% 17% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% ** * Daughter Milk (kg) -6.9kg 24% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg ***1 *** Daughter calving interval (days) -0.74days 23% Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 104 43% Skeletal 101 39% Function 98 15% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 8 Kilbline 1 Hurricane ID: IE211306250535 **Breed:** Charolais Sex: Male **DOB**: 02-Apr-2012 Owner: Noel Timothy Sugrue - Kilbline House Bennettsbridge Co Kilkenny Breeder: Neici Sire: Utrillo Mic Senior Datte **URO** Calembour 5887107559 Ficelle Orpheline Oriental Dam: Kilbline Bichette **Bova Sylvain** IE211306290456 Jacobine Domino Kilbline Ubeauty 3839 Kilbline Primevere (Et) Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €113 20% ***1 **Terminal Index** ***1 (Low) €14 18% * 1 Replacement Index A: (V Low) Maternal Cow Traits: **-€ 142** 15% **Maternal Progeny Traits:** € 156 20% **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% 23% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.09 35% **** **** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) 23% **** **** +42kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.91 21% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 9% (V Low) +5.4% Breed ave: 4.95%, All breeds ave: 5.19% **** ** Daughter Milk (kg) -2.3kg 14% (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg * * Daughter calving interval (days) +2.38davs 11% Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Linear composites Reliability Muscle 112 41% Skeletal 130 38% Function 109 12% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 9 Newtown. Hero Et ID: IE251079590225 **Breed:** Charolais Sex: Male **DOB**: 02-Apr-2012 Owner: Joseph Casserly - Cashel Newtowncashel Co Longford Breeder: Hermes Sire: Mozart Jason Flotte MZT Colbert Jaffa Fez Vicomte Dam: Newtown, Orla Indurain IEKZYJ0030A Tombola Grove Victor **Boulteen Honey Boulteen Delight** Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 110 33% *** **Terminal Index** ***1 (Low) €9 33% * 1 Replacement Index A: (Low) Maternal Cow Traits: **-€** 157 33% **Maternal Progeny Traits:** € 166 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 4% 32% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.05 41% *** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 38% **** **1 +31kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.97 32% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 30% (Low) +7.6% Breed ave: 4.95%, All breeds ave: 5.19% **** ** Daughter Milk (kg) -2.6kg 34% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg 4 ¥ Daughter calving interval (days) +3.78days 32% Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 111 30% Skeletal 97 30% Function 92 26% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 10 Tomona Harry ID: IE311272280440 **Breed:** Charolais Twin to Female Sex: Male **DOB**: 05-Apr-2012 Owner: David Beisty - Cartron Ballinagare Castlerea Co Roscommon Breeder: Patrick Moffitt - Tomona House Tulsk Castlerea Co Roscommon Uranium Sire: Doonally New Hermes Athena CF52 Campagnard Intruse Dynamo **Dovea Gin Tonic** Dam: Erris Sadie Mayo Mick IE321149030221 Mavo Josie Erris Jacob Erris Nora Erris Edwina Star Rating (Within € uro value Star rating (across Reliability **Economic Indexes** all beef breeds) per progeny Charolais breed) € 120 29% **** **Terminal Index** **** (Low) *** € 46 28% Replacement Index * (Low) **Maternal Cow Traits:** -€ 142 28% **Maternal Progeny Traits:** €188 28% **Dairy Beef** Star Rating (Within Index Trait Star rating (across Charolais breed) Key profit traits Value Reliability all beef breeds) Animal not scored. Group of 5 was

| Additional Information | l_ | | | |
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| Additional Information: | | Linear composites | Value | Reliability |
| | | Muscle | | |
| | | Skeletal | | |
| | | Function | | |
| | | | | |
| | ш | Herd data quality in | dex | |
| Animal not scored. Group of 5 was possible | | N/A | | |
| | | | | |

Lot 11 Mullinalaghta Henry ID: IE251234750550 Breed: Charolais Sex: Male **DOB**: 06-Apr-2012 Owner: Peter Mc Givney - Cloonagh Dring Co Longford Breeder: Sire: Cottage Devon Texan-Gie Marquise DEZ Cottage Amelie (Et) Oscar Farmleigh Lourda Dam: Mullinalaghta Cana Vicomte Indurain IE251234750369 Tombola **Doonally New Towerview Ursala Towerview Princess** Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €116 31% ***1 **Terminal Index** **** (Low) € 23 26% ** Replacement Index * (Low) **Maternal Cow Traits: -€** 130 21% **Maternal Progeny Traits:** €153 31% **Dairy Beef** Star Rating (Within Index Trait Star rating (across Key profit traits Charolais breed) Value Reliability all beef breeds) Animal not scored. Group of 5 was Additional Information: Value Reliability Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 was possible N/A

Lot 12 Castlekevin Harry ID: IE381129970059 **Breed:** Charolais Twin to Female Sex: Male **DOB**: 06-Apr-2012 Owner: Michael Mc Hugh - Castlekevin Annamoe Co Wicklow Breeder: Porto Sire: Cottage Devon Texan-Gie Marquise DEZ Cottage Amelie (Et) Oscar Farmleigh Lourda Hermes Dam: Castlemartin Allure Kilmore Sailor IE201192140705 Kilmore Lucy lioufflu Rr3 Castlemartin Castlemartin Petunia Tombola Star rating (across Star Rating (Within € uro value Index Economic Indexes Reliability all beef breeds) per progeny Charolais breed) €119 28% **** **Terminal Index** **** (Low) €7 24% * 1 Replacement Index A: (Low) Maternal Cow Traits: **-€** 152 19% **Maternal Progeny Traits:** € 159 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) +11 9% 29% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 32% 0.12 **** **** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) 29% **** **** +44kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.38 29% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +5.8% 12% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% * 水 Daughter Milk (kg) -8.3kg 16% (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg * * Daughter calving interval (days) +1.76davs 19% Breed ave: -0.06days, All breeds ave: -0.53days (V Low) **Additional Information:** Linear composites Reliability Muscle 129 32% Skeletal 116 31% Function 104 23% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 13 Tullaghan Hurley ID: IE231002110384 **Breed:** Charolais Twin to Female Sex: Male **DOB**: 07-Apr-2012 Owner: Michael Daniel Daly - Wardhouse Tullaghan Co Leitrim Breeder: **Brampton Banker** Sire: Liscally Eti (Et) Oldstone Eabert Oldstone Ursula LSP Liscally Blossom **Padirac** Liscally Rosewood I (Et) Meillard Ri Dam: Tullaghan Cleo Organdi IE231002190276 Idee Ballykett Ivo Tullaghan Pauline Tullaghan Geraldine Star Rating (Within € uro value Index Star rating (across **Economic Indexes** per progeny Reliability all beef breeds) Charolais breed) €114 26% ***1 **Terminal Index** ***1 (Low) € 42 25% **1 Replacement Index * (Low) Maternal Cow Traits: **-€**118 22% **Maternal Progeny Traits:** € 160 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) +10% 30% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.15 54% **** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 30% **** **** +40kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.31 23% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +4.7% 13% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% ** * Daughter Milk (kg) -6.6kg 22% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg * Daughter calving interval (days) 19% +1.53davs Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Reliability Linear composites Muscle 115 47% Skeletal 114 43% Function 99 17% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 14 Castlekevin Homer ID: IE381129910061 **Breed:** Charolais Sex: Male **DOB**: 10-Apr-2012 Owner: Michael Mc Hugh - Castlekevin Annamoe Co Wicklow Breeder: Hermes Sire: Ashleigh Victor (Et) **Doonally New** Intruse S626 Ashleigh Pearl Jupiter Rosanna (Imp.'94f) Hazel Deauville Dam: Allowbridge Violet Falstaff IE151232860539 Uzes Blakestown Farouk Camber Heidi Blakestown (Imp.'90f) Figue Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €114 25% ***1 **Terminal Index** ***1 (Low) -€13 23% * Replacement Index A: (Low) Maternal Cow Traits: -€ 174 21% **Maternal Progeny Traits:** € 161 25% **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% 29% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 37% 0.17 **** **** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) 26% **** **** +39kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.84 25% ** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5% 15% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% ** * Daughter Milk (kg) -6.5kg 23% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg 4 ¥ Daughter calving interval (days) 18% +3.35davs Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Reliability Linear composites Muscle 114 24% Skeletal 122 23% 106 Function 12% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 15 Culkenny Henry ID: IE161020130656 **Breed:** Charolais Twin to Male **DOB:** 10-Apr-2012 Sex: Male Owner: Anthony Mc Colgan - Culkeeny Lifford Co Donegal Breeder: Berlioz Sire: Kilbline 1 Fatal Maior Charmille IE211306270520 Kilbline Utica (Et) Hermes Kilbline (Imp 99f) Nationale Dam: Culkenny Cliona Hermes **Doonally New** IE161020170453 Intruse **Culkenny Omen** Culkenny Rita **Culkeeny Beauty** Star Rating (Within € uro value Index Star rating (across **Economic Indexes** per progeny Reliability all beef breeds) Charolais breed) € 109 22% *** **Terminal Index** ***1 (Low) -€ 43 23% A: Replacement Index A: (Low) Maternal Cow Traits: **-€** 196 23% **Maternal Progeny Traits:** € 152 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) +10% 19% (V Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) -0.1355% 水 * Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 26% **** **** +36kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.21 22% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +5.6% 14% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% 水 水 Daughter Milk (kg) 23% -9.7kg (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg 4 1 Daughter calving interval (days) 20% +3.07davs Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 128 48% Skeletal 115 44% Function 109 18% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 16 Topnotch Harry ID: IE171092960128 **Breed:** Charolais Sex: Male **DOB**: 13-Apr-2012 Owner: Seamus Mc Cann - 80 Northlands Bettystown Co Meath Breeder: Diamant Sire: Newrath Friend Mogador Tombola IE381093920077 Enfield Newlook **Newrath Twilight** Seabank Blanche Orfeo Dam: Leagaun Eliza Sang D'Or IE182676190093 Legion Papillon Kilcumreragh Lorette Ukraine Star Rating (Within € uro value Index Star rating (across Economic Indexes Reliability all beef breeds) per progeny Charolais breed) €91 16% **Terminal Index** * ** (V Low) €4 16% * Replacement Index A: (V Low) Maternal Cow Traits: **-€** 116 16% **Maternal Progeny Traits:** €119 16% **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% 22% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) *** **** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) 16% ***1 **** +33kg Breed ave: 31.88kg,All breeds ave: 21.98kg (V Low) Carcass conformation (1-15 scale) +1.93 15% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (V Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +4.5% 11% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% **** ** Daughter Milk (kg) -3.2kg 12% (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg * * Daughter calving interval (days) +2.41davs 18% Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Linear composites Value Reliability Muscle Skeletal **Function** Herd data quality index Animal scored. Scores or weaning weights NOT included in evaluation N/A

Lot 17 Dereskit Herbie ID: IE121402030688 **Breed:** Charolais Sex: Male **DOB**: 21-Apr-2012 Owner: Basil Bothwell - Dereskit Killeshandra Co Cavan Breeder: Indice Sire: Roundhill Doc 1068 (Et) Nelson Etoile RHI Invincible Roundhill Rimmel Ballybrown (Imp97f) Marlene Oriental Dam: Dereskit Dewprop **Bova Sylvain** IE121402060501 Jacobine Laheens Idol Dereskit Mellissa Dereskit Violet Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 105 33% **1 **Terminal Index** *** (Low) € 57 30% ** *** Replacement Index (Low) Maternal Cow Traits: -€99 26% **Maternal Progeny Traits:** € 156 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) +8 1% 35% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.06 59% *** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 38% ***1 **** +33kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.85 33% ** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 20% (Low) +6.6% Breed ave: 4.95%, All breeds ave: 5.19% **** ** Daughter Milk (kg) -3.2kg 23% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg **** *** Daughter calving interval (days) -1.07davs 23% Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 101 50% Skeletal 108 47% Function 121 25% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 18 Skiddernagh Hardi Et ID: IE271775050167 **Breed:** Charolais Sex: Male **DOB**: 26-Apr-2012 Owner: Peter Mcdonnell - Skiddernagh Manulla Castlebar Co Mayo Breeder: Berlioz Sire: Oscar Maior Charmille OSC Toise Panama Imprudente Hermes Dam: Kilbline Ursella (Et) **Doonally New** IE211306240344 Intruse Fakir Kilbline (Imp 99f) Danseuse 8588108215 Nationale Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 97 32% **Terminal Index** **1 *1 (Low) €13 29% *1 Replacement Index A: (Low) Maternal Cow Traits: **Maternal Progeny Traits:** €115 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) +13.35% 36% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 42% 0.06 *** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) **** 32% **** +43kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.91 31% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 31% (Low) +5.25% Breed ave: 4.95%, All breeds ave: 5.19% Daughter Milk (kg) Breed ave: -5.65kg, All breeds ave: -0.01kg **1 ** Daughter calving interval (days) 31% +0.28davs Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 110 32% Skeletal 124 31% Function 104 26% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 19 Clenagh Harper ID: IE131188140401 **Breed:** Charolais Sex: Male **DOB**: 04-May-2012 Owner: Michael J Quin - Clenagh Newmarket On Fergus Co Clare Breeder: Gandin Sire: Kilbline 1 Cupidon (Et) Nevers Ri Aghafad Laureate KLU Kilbline Utica (Et) Hermes Kilbline (Imp 99f) Nationale Meillard Rj Dam: Clenagh Sibyl Pirate IE13118818Ŏ140 Banquise Tara Uranus 1st Clenagh Aurea Northbrook Helen Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 104 37% **Terminal Index** *** ** (Low) € 36 33% **1 Replacement Index * (Low) Maternal Cow Traits: **-€** 108 29% **Maternal Progeny Traits:** €144 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) +8.6% 37% (Low) Breed ave: 7.55%.All breeds ave: 4.99% 57% Docility (1-5 scale) 0.11 **** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 43% **** **** +37kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Average) Carcass conformation (1-15 scale) +1.98 36% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) 22% (Low) +6.5% Breed ave: 4.95%, All breeds ave: 5.19% A: * Daughter Milk (kg) 28% -8.7kg (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg **** ***1 Daughter calving interval (days) -1.78days 27% Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 118 49% Skeletal 105 46% Function 105 25% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 20 Clenagh Homer ID: IE131188160403 **Breed:** Charolais Sex: Male **DOB**: 04-May-2012 Owner: Michael J Quin - Clenagh Newmarket On Fergus Co Clare Breeder: Invincible Sire: Pirate Meillard Ri Badine PTE Voltaire **Banquise** Proie Uranium Dam: Clenagh Erica Et Hermes IE131188190348 Athena Roundhill Rocky Clenagh Vicki Clenagh Pringle Star Rating (Within € uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability per progeny Charolais breed € 148 34% **** **Terminal Index** **** (Low) € 37 34% *** Replacement Index * (Low) Maternal Cow Traits: **-€** 188 33% **Maternal Progeny Traits:** €224 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 1% 32% (Low) Breed ave: 7.55%.All breeds ave: 4.99% 57% Docility (1-5 scale) 0.06 *** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) **** 40% **** +43kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Average) Carcass conformation (1-15 scale) +2.19 33% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) 29% (Low) +4.7% Breed ave: 4.95%, All breeds ave: 5.19% 水 水 Daughter Milk (kg) -10.3kg 31% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg * * Daughter calving interval (days) 31% +2davs Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 122 49% Skeletal 119 46% Function 108 29% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 21 Topnotch Handyman ID: IE171092920132 Breed: Charolais Sex: Male **DOB**: 07-May-2012 Owner: Seamus Mc Cann - 80 Northlands Bettystown Co Meath Breeder: Orfeo Sire: Leagaun Eustace Sang D'Or Legion IE182676120079 Erudit Macetown Matilda Macetown Fruit Killadeas Jack Dam: Piatroon Burgandy Mowbraypark UK107046400126 Roxburah Vertu Paramount Et Loganbar Herdsman Piatroon Ravner Piatroon Olive Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 103 15% ** **Terminal Index** *** (V Low) €112 14% **** *** Replacement Index (V Low) Maternal Cow Traits: -€46 13% **Maternal Progeny Traits:** € 158 15% **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% 19% (V Low) Breed ave: 7.55%.All breeds ave: 4.99% 32% Docility (1-5 scale) 0.09 **** **** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) 19% **** ** +29kg Breed ave: 31.88kg,All breeds ave: 21.98kg (V Low) Carcass conformation (1-15 scale) +1.76 12% * 1 *** Breed ave: 1.9, All breeds ave: 1.83 scale (V Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4.5% 7% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% **** ** Daughter Milk (kg) 11% -1.1kg (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg **** ***1 Daughter calving interval (days) -1.37days 12% Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Linear composites Reliability Muscle 101 35% Skeletal 104 31% Function 89 9% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 22 Western Henry ID: IE181306180279 **Breed:** Charolais Twin to Female Sex: Male **DOB**: 09-May-2012 Owner: Joe Clancy - Gortreevagh Oughterard Co Galway Breeder: Invincible Sire: Pirate Meillard Ri Badine PTE Voltaire **Banquise** Proie Hermes Dam: Western Bell Fire **Doonally New** IE181306130183 Intruse Jumper Western Treasure Inchincummer Hilda Island Star Rating (Within € uro value Index Star rating (across Economic Indexes Reliability all beef breeds) per progeny Charolais breed € 144 30% **** **Terminal Index** **** (Low) **** €83 31% Replacement Index ** (Low) Maternal Cow Traits: **-€** 138 33% **Maternal Progeny Traits:** €221 30% **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% 30% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.05 54% *** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) **** 31% **** +41kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.07 31% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) 29% (Low) +3.3% Breed ave: 4.95%, All breeds ave: 5.19% *** * Daughter Milk (kg) -6.4kg 34% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg ** Daughter calving interval (days) 32% +0.66davs Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 122 33% Skeletal 115 32% Function 117 27% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 23 Cloonohill Hector ID: IE231417630133 **Breed:** Charolais Sex: Male **DOB**: 09-May-2012 Owner: Noel Mc Goldrick - Cloonohill Drumlish Co Longford Breeder: Aimable Sire: Furv Action Domino Anemone S605 **Fury Treasure** Oldstone Egbert Lanesboro Pearl Frudit Dam: Curlisduane Rosie Jupiter IE271273060032 Colombe **Hiabbey Diego** Kilmaine Joan Scrouty Clodagh Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €91 30% **Terminal Index** ** * (Low) € 42 24% *** Replacement Index * (Low) Maternal Cow Traits: -€74 17% **Maternal Progeny Traits:** €116 30% **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% 32% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) ** * Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) 35% **** **** +35kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.14 33% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4.1% 16% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% N/A Daughter Milk (kg) 0% N/A (Too Low) Breed ave: -5.65kg, All breeds ave: -0.01kg ***1 *** Daughter calving interval (days) 20% -0.91davs Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 not possible N/A

Lot 24 Granchester Hillman ID: IE301097870024 **Breed:** Charolais Sex: Male **DOB:** 11-May-2012 Owner: Fergus Byrne - Ballydownan Geashill Co Offaly Breeder: Berlioz Sire: Ballydownan Elvis Et Maior IE301098141263 Charmille Ballydownan Hermes Ballydownan Niamh Simone (Et) Frudit Dam: Ballydownan Tara Jupiter IE301098150472 Colombe Excellent Ballydownan Nicola -Ormston Iris Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €118 24% **** **Terminal Index** **** (Low) € 31 22% ** Replacement Index * (Low) Maternal Cow Traits: **-€ 145** 20% **Maternal Progeny Traits:** €177 24% **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 1% 27% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.1 39% **** **** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) 27% **** **** +36kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.09 24% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4.8% 17% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% 水 水 Daughter Milk (kg) -10.9kg 22% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg * 1 * Daughter calving interval (days) 17% +1.61davs Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Reliability Linear composites Muscle 122 46% Skeletal 121 42% Function 104 17% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 25 Cloonohill Hanniball ID: IE231417640134 **Breed:** Charolais Sex: Male **DOB:** 14-May-2012 Owner: Noel Mc Goldrick - Cloonohill Drumlish Co Longford Breeder: Fandango Sire: Pedro Leader Divine POZ Inculpe Luge Hardie Aimable Dam: Cloonohill Beauty Domino IE231417640101 Anemone Jupiter **Curlisduane Rosie** Kilmaine Joan Star Rating (Within € uro value Index Star rating (across **Economic Indexes** per progeny Reliability all beef breeds) Charolais breed) €98 23% *1 **Terminal Index** **1 (Low) Replacement Index -€8 21% * A: (Low) Maternal Cow Traits: **-€ 140** 18% **Maternal Progeny Traits:** €131 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) +10% 26% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) *** *** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) 27% **** ***1 +34.5kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.91 26% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4.1% 14% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% 水 A: Daughter Milk (kg) -12.4kg 25% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg ***1 *** Daughter calving interval (days) -0.7davs 15% Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Value Reliability Linear composites Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 not possible N/A

Lot 26 Granchester Humphpey ID: IE301097880025 **Breed:** Charolais Sex: Male **DOB:** 15-May-2012 Owner: Fergus Byrne - Ballydownan Geashill Co Offaly Breeder: Berlioz Sire: Ballydownan Elvis Et Maior IE301098141263 Charmille Ballydownan Hermes Ballydownan Niamh Simone (Et) Frudit Dam: Ballydownan Rosie Jupiter IE301098180343 Colombe Excellent Ballydownan Knockane Flower Miracle Star Rating (Within € uro value Index Star rating (across Economic Indexes Reliability all beef breeds) per progeny Charolais breed) €119 24% **** **Terminal Index** **** (Low) € 24 22% ** Replacement Index * (Low) Maternal Cow Traits: **-€** 144 20% **Maternal Progeny Traits:** €168 24% **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) +9.8% 27% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.03 40% *** *** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) **** 27% **** +38kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.06 23% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4.9% 16% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% 水 * 1 Daughter Milk (kg) -7.3kg 21% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg 4 ¥ Daughter calving interval (days) 16% +3.3davs Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Reliability Linear composites Muscle 128 45% Skeletal 120 41% Function 104 17% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 27 Clooncellon Harry ID: IE311807930168 Breed: Charolais Sex: Male **DOB**: 21-May-2012 Owner: Ann Feeley - Clooncellan Ballymurray Roscommon Co Roscommon Breeder: Hermes Sire: Limkiln Bosco **Doonally New** Intruse **KIB** Limkiln Sarah Indurain Limkiln Josie Tattenhall Impeccable Dam: Finner Rita **Bowerhouses** IE161609870041 Goldies Haguenee Topper Farmleigh Ulick Emmrbrook (Bst) Castle (Amf) Fay Julie Star Rating (Within € uro value Index Star rating (across Economic Indexes Reliability all beef breeds) per progeny Charolais breed) €84 33% ¥ **Terminal Index** $\star\star$ (Low) -€ 121 31% A: Replacement Index 10 (Low) Maternal Cow Traits: **-€** 230 28% **Maternal Progeny Traits:** €109 34% **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) +10.8% 34% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 80.0 44% **** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 39% **** ** +29kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.8 33% * 1 *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) 24% (Low) +8% Breed ave: 4.95%, All breeds ave: 5.19% 水 水 Daughter Milk (kg) -12.1kg 27% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg 4 1 Daughter calving interval (days) +3.18davs 25% Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 99 46% Skeletal 103 43% 21% Function 116 Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 28 Brownshill Hugh ID: IE111185230334 **Breed:** Charolais Sex: Male **DOB**: 25-May-2012 Owner: Mr Michael Kavanagh - Brownshill Ave Carlow Co Carlow Breeder: Gandin Sire: Clonoulty Andraemon (Et) -Nevers Ri Aghafad Laureate ADA **Cottage Tasmin** Farmleigh Lourda Indice Dam: Ballydavis Dahila Nelson IE221222871097 Etoile P.T.I Prince Ballydavis Amanda **Ballydavis Pretty** Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 110 24% *** **Terminal Index** ***1 (Low) -€ 11 22% * Replacement Index A: (Low) Maternal Cow Traits: **-€** 166 19% **Maternal Progeny Traits:** € 155 24% **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) +9.8% 27% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.12 27% **** **** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) 27% **** **** +39kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.09 26% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5.9% 14% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% 水 水 Daughter Milk (kg) 18% -11.6kg (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg ** ** Daughter calving interval (days) 18% +0.51davs Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Linear composites Reliability Muscle 113 28% Skeletal 114 27% Function 119 17% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 29 Dereskit Harvey ID: IE121402080692 Breed: Charolais Sex: Male **DOB**: 26-May-2012 Owner: Basil Bothwell - Dereskit Killeshandra Co Cavan Breeder: Indice Sire: Roundhill Doc 1068 (Et) Nelson Etoile RHI Invincible Roundhill Rimmel Ballybrown (Imp97f) Marlene Ludwig Dam: Dereskit Erika Blakestown IE121402090561 Joviale Seigneur Laheens Idol **Dereskit Niamh** Curragrange Tsarina Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 101 32% **Terminal Index** **1 ** (Low) € 45 30% **1 Replacement Index * (Low) Maternal Cow Traits: -€ 101 27% **Maternal Progeny Traits:** €146 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 4% 32% (Low) Breed ave: 7.55%.All breeds ave: 4.99% 57% Docility (1-5 scale) 80.0 **** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) **** 38% **** +35kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.91 33% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5.6% 19% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% *** ** Daughter Milk (kg) -4.4kg 23% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg *** **1 Daughter calving interval (days) -0.46days 25% Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Reliability Muscle 108 51% Skeletal 106 48% Function 104 25% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 30 Loughlin Hunter ID: IE272242150067 **Breed:** Charolais Sex: Male **DOB**: 28-May-2012 Owner: Thomas Hynes - Carrowmacloughlin Murrisk Westport Co Mayo Breeder: Porto Sire: Cottage Devon Texan-Gie Marquise DEZ Oscar Cottage Amelie (Et) Farmleigh Lourda Vicomte Dam: Loughlin Carrie **Enfield Picasso** IE272242120048 Tombola Louisburgh Punter Lecanvey Sophia Hollowtree Melody Star Rating (Within € uro value Index Star rating (across **Economic Indexes** per progeny Reliability all beef breeds) Charolais breed) €116 28% ***1 **Terminal Index** **** (Low) € 38 23% **1 Replacement Index * (Low) Maternal Cow Traits: **-€** 119 18% **Maternal Progeny Traits:** € 157 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) +11 3% 29% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.04 29% *** *** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) 29% **** **** +41kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.24 29% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4.6% 13% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% 水 A: Daughter Milk (kg) -10kg 12% (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg **** ***1 Daughter calving interval (days) -1.74days 19% Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Reliability Linear composites Muscle 118 28% Skeletal 113 28% Function 105 23% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 31 Mullinalaghta Hogan ID: IE251234710555 **Breed:** Charolais Sex: Male **DOB:** 01-Jun-2012 Owner: Peter Mc Givney - Cloonagh Dring Co Longford Breeder: Sire: Icare Blason Regence **ICR** Doucette Till Baladeuse Hermes Dam: Cloonfad Undone **Doonally New** IE311421890158 Intruse **Dolland Frank Umrigar Hale** Lacken Tina Star Rating (Within € uro va<u>lue</u> Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €115 31% ***1 **Terminal Index** **** (Low) € 24 29% ** Replacement Index * (Low) Maternal Cow Traits: **-€ 146** 27% **Maternal Progeny Traits:** €169 32% **Dairy Beef** Star Rating (Within Index Trait Star rating (across Charolais breed) Key profit traits Value Reliability all beef breeds) Animal not scored. Group of 5 was Additional Information: Value Reliability Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 was possible N/A

Lot 32 Williamstown Hume ID: IE361042920681 **Breed:** Charolais Sex: Male **DOB**: 05-Jun-2012 Owner: Aidan Farrell - Boyanna Moate Co Westmeath Breeder: Invincible Sire: Pirate Meillard Ri Badine PTE Voltaire **Banquise** Proie Major Dam: Tullabrack Amy Oscar IE131557180154 Toise Tir O'Neill Martin Rennappa Polly Ballykilty Joey Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 121 33% **** **Terminal Index** **** (Low) €91 **** 32% *** Replacement Index (Low) Maternal Cow Traits: -€94 31% **Maternal Progeny Traits:** € 185 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 2% 35% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.01 41% *** *** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) **** 36% **** +35kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.97 33% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 30% (Low) +4.1% Breed ave: 4.95%, All breeds ave: 5.19% A: ** Daughter Milk (kg) 33% -8kg (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg **** *** Daughter calving interval (days) -2.95davs 28% Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 107 43% Skeletal 114 41% 108 Function 28% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 33 Clonad Homer ID: IE221146760406 **Breed:** Charolais Sex: Male **DOB**: 06-Jun-2012 Owner: John Costigan - The Meadows Clonad Portlaoise Co Laois Breeder: **Doonally New** Sire: Clonad Figaro Williamstown Blaze Drumriggan (Hmi) Rose IE221146790367 **Clonard Sonny** Clonard Valda Clonard Oonagh Dam: Clonad Dulcet Ballydavis Beau IE221146760331 Ballydavis Rainbow Cloonfad Seedling (Et) Mohedian Veronica Mohedian Nula Star Rating (Within € uro value Index Star rating (across **Economic Indexes** per progeny Reliability all beef breeds) Charolais breed) **17%** (V Low) € 101 **Terminal Index** **1 ** -€ 15 15% Replacement Index A: * (V Low) Maternal Cow Traits: **-€** 155 12% **Maternal Progeny Traits:** € 140 17% **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% 20% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) -0.1335% 水 * Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) 23% ***1 **** +33kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.96 15% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (V Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +5.4% 8% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% ** * Daughter Milk (kg) -6.9kg 11% (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg * 1 Daughter calving interval (days) +0.94davs 7% Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Reliability Linear composites Muscle 103 44% Skeletal 110 40% Function 102 11% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 34 Cliffin Handsome ID: IE121413530573 **Breed:** Charolais Sex: Male **DOB**: 07-Jun-2012 Owner: Robert Nugent - Cliffin Killinkere Virginia Co Cavan Breeder: Aimable Sire: Cloverfield Excelent Domino Anemone CXY Cloverfield Una Pirate **Cloverfield Princess** Dam: Cliffin Delta .lason Mozart IE121413560411 Jaffa **Bunratty Royce** Carrigoir Tomasena -Eastholme Portia Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €110 31% *** **Terminal Index** ***1 (Low) € 33 25% ** Replacement Index * (Low) Maternal Cow Traits: **-€** 121 18% **Maternal Progeny Traits:** €153 31% **Dairy Beef** Star Rating (Within Index Trait Star rating (across Charolais breed) Key profit traits Value Reliability all beef breeds) Animal not scored. Group of 5 was Additional Information: Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. Group of 5 was possible N/A

Lot 35 Boyannagh Henri ID: IE361067290650 **Breed:** Charolais Twin to Male Sex: Male **DOB**: 08-Jun-2012 Owner: Frank Warburton - Boggagh Moate Co Westmeath Breeder: Erudit Sire: Cavelands Adam Jupiter Colombe IE271848670472 Meillard Ri 2757 Cavelands Jupe Petula Hermes Dam: Boyannagh Daria **Doonally New** IE361067260441 Intruse Loch Ness Bovannagh Rosetta Maryville Innsfree Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed € 134 29% **** **Terminal Index** **** (Low) *** € 68 27% Replacement Index ** (Low) Maternal Cow Traits: **-€** 136 25% **Maternal Progeny Traits:** €204 29% **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% 28% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 80.0 45% **** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) **** 36% **** +39kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.02 30% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +3.7% 17% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% ** 水 Daughter Milk (kg) -7.3kg 22% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg * Daughter calving interval (days) 24% +1.49davs Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 112 46% Skeletal 117 42% Function 101 19% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 36 Fermoyle Hero ID: IE272230680243 **Breed:** Charolais Sex: Male **DOB**: 08-Jun-2012 Owner: William Scanlon - Furmoyle Carrowniskey Westport Co Mayo Breeder: Porto Sire: Cottage Devon Texan-Gie Marquise DEZ Oscar Cottage Amelie (Et) Farmleigh Lourda Grimaldi Dam: Fermoyle Bundy **Doonally Nicefor** IE272230670143 Ulna Doonally New Fermovle Vicky Louisburgh Michelle Star Rating (Within € uro value Index Star rating (across **Economic Indexes** per progeny Reliability all beef breeds) Charolais breed) € 117 30% **** **Terminal Index** **** (Low) € 46 26% *** Replacement Index * (Low) Maternal Cow Traits: **-€** 108 21% **Maternal Progeny Traits:** € 154 30% **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) +11.7% 34% (Low) Breed ave: 7.55%.All breeds ave: 4.99% 42% Docility (1-5 scale) 0.08 **** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) **** 30% **** +45kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.32 30% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +4.6% 15% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% *** * Daughter Milk (kg) -6.3kg 19% (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg **1 Daughter calving interval (days) 20% -0.05days Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 114 31% Skeletal 117 31% Function 99 25% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 37 Boyannagh Hardi ID: IE361067210651 **Breed:** Charolais Twin to Male Sex: Male **DOB**: 08-Jun-2012 Owner: Padraig Farrell - Aughavoneen Fardrum Athlone Co Westmeath Breeder: Frank Warburton - Boggagh Moate Co Westmeath Erudit Sire: Cavelands Adam Jupiter Colombe IE271848670472 Meillard Ri 2757 Cavelands Jupe Petula Hermes Dam: Boyannagh Daria **Doonally New** IE361067260441 Intruse Loch Ness Bovannagh Rosetta -Maryville Innsfree Star Rating (Within € uro value Index Star rating (across Reliability **Economic Indexes** all beef breeds) per progeny Charolais breed € 133 29% **** **Terminal Index** **** (Low) *** € 62 27% Replacement Index ** (Low) Maternal Cow Traits: -€ 141 25% **Maternal Progeny Traits:** €203 29% **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% 28% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 80.0 44% **** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 36% **** **** +38kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.05 31% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +3.7% 17% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% ** * Daughter Milk (kg) 22% -7.1kg (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg * 1 Daughter calving interval (days) 24% +1.43days Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 116 46% Skeletal 113 42% Function 101 19% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 38 Newtown, Henri ID: IE251079520227 **Breed:** Charolais Sex: Male **DOB**: 10-Jun-2012 Owner: Joseph Casserly - Cashel Newtowncashel Co Longford Breeder: Hermes Sire: Limkiln Bosco **Doonally New** Intruse **KIB** Limkiln Sarah Indurain Limkiln Josie Cariellor Dam: Newtown, Treasure Invincible IE251079580083 Durandale Indurain Newtown, Polly Newtown, Nellie Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €110 30% *** **Terminal Index** ***1 (Low) -€ 27 30% A: Replacement Index 10 (Low) Maternal Cow Traits: **-€** 189 30% **Maternal Progeny Traits:** €162 31% **Dairy Beef** Star Rating (Within Index Trait Star rating (across Charolais breed) Key profit traits Value Reliability all beef breeds) Animal not scored. Group of 5 was Additional Information: Value Reliability Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 was possible N/A

Lot 39 Clonad Hercules **ID**: IE221146790400 **Breed:** Charolais Sex: Male **DOB**: 10-Jun-2012 Owner: John Costigan - The Meadows Clonad Portlaoise Co Laois Breeder: Sire: Clonad Duke Ballydavis Beau Ballydavis Rainbow IE221146730337 Clonboniff U-Beauty Indurain Clarkstown Orla Mozart Dam: Clonad Daisy Hazelrock Vincent IE221146750330 Killanin Nellie Indurain **Tulcon Victoria Tulcon Majesty** Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €116 19% ***1 **Terminal Index** **** (V Low) €6 18% * Replacement Index A: (V Low) Maternal Cow Traits: **-€** 166 15% **Maternal Progeny Traits:** €171 20% **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% 23% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 37% *** 0.06 **** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) **** 25% **** +36kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.97 17% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (V Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 9% (V Low) +5.9% Breed ave: 4.95%, All breeds ave: 5.19% 水 A: Daughter Milk (kg) 16% -10.1kg (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg **1 **1 Daughter calving interval (days) 8% +0.04davs Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Linear composites Reliability Muscle 100 44% Skeletal 100 39% Function 97 11% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 40 Cliffin Harold ID: IE121413540574 **Breed:** Charolais Sex: Male **DOB**: 10-Jun-2012 Owner: Robert Nugent - Cliffin Killinkere Virginia Co Cavan Breeder: Aimable Sire: Cloverfield Excelent Domino Anemone CXY Cloverfield Una Pirate **Cloverfield Princess** Diego Dam: Cliffin Una ljoufflu Rr3 IE121413550187 Girolle **Dolland North Dolland Romy Dolland Lulu** Star Rating (Within € uro value Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 120 33% **** **Terminal Index** **** (Low) €115 27% **** *** Replacement Index (Low) Maternal Cow Traits: -€ 64 19% **Maternal Progeny Traits:** €178 34% **Dairy Beef** Star Rating (Within Index Trait Star rating (across Charolais breed) Key profit traits Value Reliability all beef breeds) Animal not scored. Group of 5 was Additional Information: Value Reliability Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 was possible N/A

Lot 41 Fieldview Hero ID: IE291543070910 **Breed:** Charolais Sex: Male **DOB:** 17-Jun-2012 Owner: David Erskine - Crosses Monaghan Co Monaghan Breeder: Oldstone Egbert Sire: Dartonhall Dougal Corrie Alan Corrie Lisa UK918480611916 Lyonsdemesne Indurain Knockane Epilogue Nightingale Valois Dam: Fieldview Veronica Excellent IE291543060397 Angele Jumper Fieldview Smartie Greaghglass Nicola Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 126 25% **** **Terminal Index** **** (Low) € 161 **** 22% **** Replacement Index (Low) Maternal Cow Traits: -€42 18% **Maternal Progeny Traits:** €202 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) +5 1% 29% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.06 41% *** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 31% **** *** +32kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.92 26% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +5.3% 12% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% **** **** Daughter Milk (kg) 17% +1.7kg (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg *** **1 Daughter calving interval (days) 17% -0.24davs Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Reliability Linear composites Muscle 105 42% Skeletal 114 38% Function 92 13% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 42 Scregg Hester Et ID: IE311167910405 Breed: 0 **Breed:** Charolais Sex: Male **DOB**: 20-Jun-2012 Owner: Michael Joseph Brehony - Scregg Knockcroghery Co Roscommon Breeder: Uranium Sire: Doonally New Harmas Athena CF52 Intruse Campagnard Dynamo Vicomte Dam: Coilmore Ulrika Indurain IE271912560204 Tombola Jordanstown Milestone Breemount (Bkh) Breemount (Bkh) Madam Rebecca Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 130 34% **** **Terminal Index** **** (Low) €13 34% * 1 Replacement Index 10 (Low) **Maternal Cow Traits: -€** 186 34% **Maternal Progeny Traits:** € 199 34% **Dairy Beef** Star Rating (Within Index Trait Star rating (across Charolais breed) Key profit traits Value Reliability all beef breeds) Animal not scored. Group of 5 was Additional Information: Value Reliability Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 was possible N/A

Lot 43 Hillvilla Herriot ID: IE241918750006 **Breed:** Charolais Sex: Male **DOB**: 27-Jun-2012 Owner: Arthur Finnan - Hill Villa Knocklong Co Limerick Breeder: Aimable Sire: Lvonsdemesne Tzar Domino Anemone TZA Britisch B Kilboy Frivole (Imp Badoit 91f) Major Dam: Lyonsdemesne Aira Oscar IE201358760590 Toise Ecrin Ri Lvonsdemesne Kilboy Frivole (Imp 91f) Opal Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 108 31% **1 **Terminal Index** *** (Low) **** €82 28% ** Replacement Index (Low) Maternal Cow Traits: -€67 24% **Maternal Progeny Traits:** € 149 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) +10.3% 33% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) *** *** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) **** 34% **** +38kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.98 33% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 29% (Low) +4.6% Breed ave: 4.95%, All breeds ave: 5.19% 0% (Too Low) N/A Daughter Milk (kg) N/A Breed ave: -5.65kg, All breeds ave: -0.01kg **** **** Daughter calving interval (days) 30% -3.44davs Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 not possible N/A

Lot 44 Pontoon Herby ID: IE271100540056 **Breed:** Charolais Sex: Male **DOB**: 28-Jun-2012 Owner: Richard O'Beirne - Ardour Cloghans Hill Tuam Co Galway Breeder: Brendan Kelly - Pontoon Rd Foxford Co Mayo Danseur Sire: Dovea Pinocchio **Janissaire** Villa PIO Bolero Ivanne Doriane Vicomte Dam: Pontoon Urastar Indurain IE271100570026 Tombola **Bunratty Emperor** Loughwell Hannah Murragh Tara Star Rating (Within € uro value Index Star rating (across Reliability **Economic Indexes** all beef breeds) per progeny Charolais breed) € 101 29% **Terminal Index** **1 $\star\star$ (Low) -€4 29% Replacement Index 10 * (Low) Maternal Cow Traits: -€ 156 30% **Maternal Progeny Traits:** €152 29% **Dairy Beef** Star Rating (Within Index Trait Star rating (across Charolais breed) Key profit traits Value Reliability all beef breeds) Animal not scored. Group of 5 was Additional Information: Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. Group of 5 was possible N/A

Lot 45 Williamstown Harold ID: IE361042930682 **Breed:** Charolais Sex: Male **DOB**: 02-Jul-2012 Owner: Aidan Farrell - Boyanna Moate Co Westmeath Breeder: Sire: Goldstar Echo Texan-Gie Marquise **GHX Doonally New** Sheehills Ula Ballyboyle Nulla (Imp 00it) Dam: Lyonsdemesne Thelma Berlioz Major IE201358750359 Charmille Kilboy (Imp. '91f) Gracieux Kilbov Jana Kilboy (Imp.'90f) Escalade Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed € 133 30% **** **Terminal Index** **** (Low) **** €89 26% *** Replacement Index (Low) Maternal Cow Traits: **-€**118 21% **Maternal Progeny Traits:** €207 30% **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 1% 34% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.08 40% **** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) **** 34% **** +37kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.31 29% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +6.6% 12% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% *** * Daughter Milk (kg) 21% -6.1kg (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg ***1 **** Daughter calving interval (days) -1.48davs 18% Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Reliability Linear composites Muscle 119 45% Skeletal 112 42% 21% Function 129 Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 46 Tawny Hot Shot ID: IE231002020477 **Breed:** Charolais Sex: Male **DOB**: 03-Jul-2012 Owner: Ciaran Daly - Tawnytallan Tullaghan Leitrim Co Leitrim Breeder: Aimable Sire: Lisnagre Elite (Et) Domino Anemone LGL **Ballydownan Violet** Jupiter Ballydownan Simone (Et) (Et) Dam: Tawny Valrose Hermes **Doonally New** IE231002030305 Intruse Shamrock Ambassadeur **Tawny Narcissus** Laghey Grace Star Rating (Within € uro value Index Star rating (across all beef breeds) **Economic Indexes** Reliability per progeny Charolais breed) € 142 28% **** **Terminal Index** **** (Low) **** € 107 23% *** Replacement Index (Low) Maternal Cow Traits: **-€** 100 17% **Maternal Progeny Traits:** €198 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) +8% 35% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) *** *** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) 27% **** **** +43kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.19 26% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +4% 16% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% N/A Daughter Milk (kg) 0% N/A (Too Low) Breed ave: -5.65kg, All breeds ave: -0.01kg *1 * Daughter calving interval (days) 19% +1.5davs Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Value Reliability Linear composites Muscle Skeletal **Function** Herd data quality index Animal scored. Scores or weaning weights NOT included in evaluation N/A

Lot 47 Tawny Hay-Maker ID: IE231002060480 Breed: Cf **Breed:** Charolais Sex: Male **DOB**: 04-Jul-2012 Owner: Ciaran Daly - Tawnytallan Tullaghan Leitrim Co Leitrim Breeder: Nevers Ri Sire: Tawny Full Throttle Clonoulty Cottage Tasmin F177 Andraemon (Et) **Doonally New Tawny Celine** Tawny (Bro) Rhona Domino Dam: Tawny Fat Chic Lyonsdemesne Tzar IE231002050422 Kilboy Frivole (Imp 91f) Aligot Tawny (Bro) Tina Tawny (Bro) Rhona Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 115 15% ***1 **Terminal Index** **** (V Low) € 107 14% **** *** Replacement Index (V Low) **Maternal Cow Traits:** -€ 60 11% **Maternal Progeny Traits:** €167 16% **Dairy Beef** Star Rating (Within Index Trait Star rating (across Charolais breed) Key profit traits Value Reliability all beef breeds) Animal not scored. Group of 5 was Additional Information: Value Reliability Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 was possible N/A

Lot 48 Topnotch Hofmeister ID: IE171092970137 Sex: Male **DOB**: 04-Jul-2012 Owner: Seamus Mc Cann - 80 Northlands Bettystown Co Meath Breeder: Orfeo Sire: Leagaun Eustace Sang D'Or Legion IE182676120079 Macetown Matilda Erudit Macetown Fruit **Bradley Roderick** Dam: Graywood Eclair (Et) **Dingle Hofmeister** UK267367400245 Rushmore Champagne **Doonally Olmeto** Rumsden Ultra Rumsden Pirouette Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 90 15% **Terminal Index** * ** (V Low) € 53 13% *** Replacement Index ** (V Low) Maternal Cow Traits: **-€73** 11% **Maternal Progeny Traits:** €126 15% **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% 18% (V Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) n 32% *** ** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) 19% **** +29kg Breed ave: 31.88kg,All breeds ave: 21.98kg (V Low) Carcass conformation (1-15 scale) +1.75 12% * 1 *** Breed ave: 1.9, All breeds ave: 1.83 scale (V Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +4.6% 6% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% **** *** Daughter Milk (kg) 10% -0.4kg (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg *** **1 Daughter calving interval (days) 7% -0.29days Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Reliability Linear composites Muscle 99 34% Skeletal 105 30% Function 90 8% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 49 Hillvilla Hercules ID: IE241918760007 **Breed:** Charolais Sex: Male **DOB**: 06-Jul-2012 Owner: Arthur Finnan - Hill Villa Knocklong Co Limerick Breeder: Aimable Sire: Lvonsdemesne Tzar Domino Anemone TZA Britisch B Kilboy Frivole (Imp Radoit 91f) Dam: Lyonsdemesne Shannon Furopeen Lyonsdemesne IE201358740250 Etoile Odeon (Imp 98f) Vice Roi Lvonsdemesne Diva 5888119906 (Imp.'93f) Greta Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 120 31% **** **Terminal Index** **** (Low) €93 **** 31% *** Replacement Index (Low) Maternal Cow Traits: -€89 31% **Maternal Progeny Traits:** €182 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) +6.9% 31% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) *** *** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) **** 36% **** +37kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.88 33% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) 27% (Low) +4.5% Breed ave: 4.95%, All breeds ave: 5.19% *** * Daughter Milk (kg) -5.7kg 39% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg **** **** Daughter calving interval (days) -2.49davs 27% Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 not possible N/A

Lot 50 Rosanna Hublot ID: IE111273090105 **Breed:** Charolais Sex: Male **DOB**: 11-Jul-2012 Owner: Patrick Stephens - Rosanna House Rathoe Tullow Co Carlow Breeder: Romarin Sire: Rosanna Fameux **Tamaris** Oletta FR7121740286 Sagesse Huron Nation **Bent Carabinier** Dam: Rosanna Azalee Lunesdale Harvest IE381091270158 Lunesdale Foulure Idealiste Rosanna Torpille Histoire Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 105 16% **1 **Terminal Index** *** (V Low) € 55 14% *** Replacement Index ★★ (V Low) Maternal Cow Traits: -€97 11% **Maternal Progeny Traits:** € 153 17% **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% 22% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) *** *** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) **** 21% **** +36kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.74 12% **1 * Breed ave: 1.9, All breeds ave: 1.83 (V Low) scale **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) N/A 5% (Too Low) N/A N/A Breed ave: 4.95%, All breeds ave: 5.19% *** ** Daughter Milk (kg) -4.5kg 19% (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg N/A Daughter calving interval (days) 4% N/A Breed ave: -0.06days, All breeds ave: -0.53days (Too Low) Additional Information: Value Reliability Linear composites Muscle Skeletal **Function** Herd data quality index Animal scored. Scores or weaning weights NOT included in evaluation N/A

Lot 51 Cloonfad Henri ID: IE311421890348 **Breed:** Charolais Sex: Male **DOB**: 12-Jul-2012 Owner: Gerard Feeley - Scregg Carrick On Shannon Co Roscommon Breeder: Sire: Cottage Devon Texan-Gie Marquise DEZ Cottage Amelie (Et) Oscar Farmleigh Lourda Ecrin Rj Dam: Cloonfad Uneasy Horace IE311421870156 Rosalie Doonally Feld **Cloonfad Naoise Barronstown Damara** Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) Charolais breed) per progeny € 92 32% **Terminal Index** ** * (Low) -€ 18 27% A. Replacement Index 10 (Low) Maternal Cow Traits: **-€** 134 20% **Maternal Progeny Traits:** €115 33% **Dairy Beef** Star Rating (Within Index Trait Star rating (across Charolais breed) Key profit traits Value Reliability all beef breeds) Animal not scored. Group of 5 was Additional Information: Value Reliability Muscle Skeletal Function Herd data quality index Animal not scored. Group of 5 was possible N/A

Lot 52 Rosanna Hamlet ID: IE111273010106 **Breed:** Charolais Sex: Male **DOB**: 14-Jul-2012 Owner: Patrick Stephens - Rosanna House Rathoe Tullow Co Carlow Breeder: Romarin Sire: Rosanna Fameux **Tamaris** Oletta FR7121740286 Huron Sagesse Nation Dam: Rosanna Torpille Fros Idealiste FR5811102164 Floride Ftalon Histoire Brousse Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 101 15% **Terminal Index** **1 ** (V Low) € 38 13% **1 Replacement Index * (V Low) Maternal Cow Traits: **-€** 110 10% **Maternal Progeny Traits:** €148 15% **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% 21% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) *** *** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) 20% ***1 **** +33kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.73 11% *** * Breed ave: 1.9, All breeds ave: 1.83 scale (V Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +4.8% 6% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% *** * Daughter Milk (kg) 20% -6kg (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg N/A Daughter calving interval (days) 2% N/A Breed ave: -0.06days, All breeds ave: -0.53days (Too Low) Additional Information: Value Reliability Linear composites Muscle Skeletal **Function** Herd data quality index Animal scored. Scores or weaning weights NOT included in evaluation N/A

Lot 53 Looby Howard ID: IE111058710426 **Breed:** Charolais Sex: Male **DOB**: 15-Jul-2012 Owner: James Phelan - Rathnageera Garryhill Co Carlow Breeder: Jericho Sire: Dromiskin Bestmate Hvonromane Marine F154 Dromiskin Valeriane Sahel Orangina Aimable Dam: Looby Amanda Domino IE111058770266 Anemone **Doonally Nairobi** Castlegale Rose Castlegale Norma Star Rating (Within € uro value Index Star rating (across Reliability **Economic Indexes** all beef breeds) per progeny Charolais breed) € 120 24% **** **Terminal Index** **** (Low) 21% €5 * Replacement Index 10 (Low) **Maternal Cow Traits: -€** 175 17% **Maternal Progeny Traits:** €181 25% **Dairy Beef** Star Rating (Within Index Trait Star rating (across Key profit traits Charolais breed) Value Reliability all beef breeds) Animal not scored. Group of 5 was Additional Information: Value Reliability Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 was possible N/A

Lot 54 Sliabhbloom Harvester ID: IE221345310213 **Breed:** Charolais Sex: Male **DOB**: 20-Jul-2012 Owner: Daniel Weston - Meelick Rosenallis Portlaoise Co Laois Breeder: Gandin Sire: Clonoulty Andraemon (Et) -Nevers Ri Aghafad Laureate ADA **Cottage Tasmin** Farmleigh Lourda Vicomte Dam: Ballincanty Tara Indurain IE301157040014 Tombola Blakestown Huit Ballindrennan Nora Breaghna Gillabbey Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €114 29% ***1 **Terminal Index** ***1 (Low) -€ 31 26% A: Replacement Index A: (Low) Maternal Cow Traits: **-€** 189 23% **Maternal Progeny Traits:** € 158 29% **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) +9.8% 31% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.09 43% **** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 33% **** **** +39kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.13 30% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +7.1% 16% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% 水 水 Daughter Milk (kg) -10.4kg 20% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg * * Daughter calving interval (days) 21% +2.4davs Breed ave: -0.06days, All breeds ave: -0.53days (Low) **Additional Information:** Linear composites Reliability Muscle 118 46% Skeletal 114 42% Function 110 21% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 55 Mullaghdoo Harry ID: IE121264280586 Breed: Charolais Sex: Male **DOB**: 27-Jul-2012 Owner: Basil Arnold - Mullaghdoo Killeshandra Co Cavan Breeder: **Burradon Talisman** Sire: Calry Earl Thrunton Voldemort -IE271224360189 Thrunton Starband Ballydavis Uphill Indurain Ballydavis Oh Yes Oriental Dam: Mullaghdoo Debbie **Bova Sylvain** IE121264270486 Jacobine **Doonally Ducdenever** Caltra Urlar Caltra Song Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €98 23% *1 **Terminal Index** **1 (Low) € 47 20% *** Replacement Index * (Low) Maternal Cow Traits: -€90 17% **Maternal Progeny Traits:** € 137 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) +9 4% 24% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) -0.0241% *** * 1 Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 28% **** ** +29kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.94 20% *** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +5.5% 11% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% **** ** Daughter Milk (kg) 15% -3kg (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg **** *** Daughter calving interval (days) -1.28davs 12% Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Reliability Linear composites Muscle 109 46% Skeletal 107 42% Function 109 15% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 56 Windmill Hedgehunter ID: IE311408970441 **Breed:** Charolais Sex: Male **DOB**: 01-Aug-2012 Owner: Michael Nerney - Chapel Street Elphin Castlerea Co Roscommon Breeder: **Burradon Talisman** Sire: Crossmolina Euro Thrunton Voldemort Thrunton Starband CSQ **Doonally New** Crossmolina Una Crossmolina Rebecca Vicomte Dam: Windmill Shania Indurain IE311408930149 Tombola Blakestown Huit Tulcon (Jtn) Mag Cloonfad Gigi Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €119 30% **** **Terminal Index** **** (Low) **** €75 27% Replacement Index ** (Low) Maternal Cow Traits: -€95 23% **Maternal Progeny Traits:** € 169 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) +10.4% 36% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.11 45% **** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 34% **** **** +37kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.19 27% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +6% 15% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% **** *** Daughter Milk (kg) +0.3kq23% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg * 1 * Daughter calving interval (days) 19% +1.66davs Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Reliability Linear composites Muscle 117 44% Skeletal 125 41% Function 95 18% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 57 Quarry Henry ID: IE241733150377 **Breed:** Charolais Sex: Male **DOB:** 05-Aug-2012 Owner: Declan Dalton - Dirreen Athea Co Limerick Breeder: Aimable Sire: Lisnagre Elite (Et) Domino Anemone LGL Ballydownan Violet Jupiter Ballydownan Simone (Et) (Et) Vicomte Dam: Quarry Amber Indurain IE241733170271 Tombola Diego Twilight Pappion Twilight Madona Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed € 129 31% **** **Terminal Index** **** (Low) € 49 27% *** Replacement Index ** (Low) Maternal Cow Traits: **-€** 144 22% **Maternal Progeny Traits:** €193 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 1% 35% (Low) Breed ave: 7.55%.All breeds ave: 4.99% 47% Docility (1-5 scale) 0.04 *** *** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) **** 34% **** +37kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.17 28% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +5.2% 15% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% ** A: Daughter Milk (kg) -7.5kg 22% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg *1 Daughter calving interval (days) 19% +1.44davs Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Reliability Linear composites Muscle 112 48% Skeletal 106 45% Function 99 23% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 58 Longstone Hugo ID: IE231242060143 **Breed:** Charolais Sex: Male **DOB**: 10-Aug-2012 Owner: John Mc Weeney - Longstore Ballinamore Co Leitrim Breeder: Maerdy Restful Sire: Thrunton Boniovi Solwavfirth Union **Movness Precious** S750 **Haymount Jetstream Thrunton Odaisy** Thrunton Verity Domino Dam: Longstone Eanna Lyonsdemesne Tzar IE231242030116 Kilboy Frivole (Imp 91f) Longstone Major Longstone Andrea **Culkenny Florence** Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 94 20% **Terminal Index** **1 * (Low) **** €74 17% Replacement Index ** (V Low) Maternal Cow Traits: -€69 14% **Maternal Progeny Traits:** € 144 20% **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) +6.7% 28% (Low) Breed ave: 7.55%.All breeds ave: 4.99% 52% Docility (1-5 scale) -0.03*** ★★ Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 17% ***1 +25kg Breed ave: 31.88kg,All breeds ave: 21.98kg (V Low) Carcass conformation (1-15 scale) +1.78 15% * 1 *** Breed ave: 1.9, All breeds ave: 1.83 scale (V Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +5% 8% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% **** *** Daughter Milk (kg) -0.6kg 10% (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg **** **** Daughter calving interval (days) 12% -2.63days Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Linear composites Reliability Muscle 101 23% Skeletal 100 22% Function 102 11% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 59 Monagh Hawk ID: IE221155290430 **Breed:** Charolais Sex: Male **DOB**: 14-Aug-2012 Owner: Nigel Peavoy - Longmeadow Shannon Road Mountrath Co Laois Breeder: Invincible Sire: Pirate Meillard Ri Badine PTE **Banquise** Voltaire Proie Dam: Monagh Cathy Hermes **Doonally New** IE221155210308 Intruse Monien (Bsn) Massey Monagh Orla Monagh Louise Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed € 154 34% **** **Terminal Index** **** (Low) **** € 106 34% *** Replacement Index (Low) Maternal Cow Traits: **-€** 131 33% **Maternal Progeny Traits:** €237 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) +7.3% 35% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.02 46% *** *** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 38% **** **** +44kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.12 33% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) 30% (Low) +3.8% Breed ave: 4.95%, All breeds ave: 5.19% A: ** Daughter Milk (kg) -7.2kg 31% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg ***1 *** Daughter calving interval (days) 32% -0.99davs Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 116 47% Skeletal 104 44% Function 105 29% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 60 Culkenny Harold ID: IE161020140657 **Breed:** Charolais **DOB**: 20-Aug-2012 Sex: Male Owner: Anthony Mc Colgan - Culkeeny Lifford Co Donegal Breeder: Berlioz Sire: Kilbline 1 Fatal Maior Charmille IE211306270520 Kilbline Utica (Et) Hermes Kilbline (Imp 99f) Nationale Vera Cruz Dam: Culkenny Fatcha Oldgrange IE161020170602 Oldgrange (Imp 00f) Onda Bahia Sindurain Pirate Culkenny Culkenny Valerie Champagne Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 110 19% **Terminal Index** ***1 *** (V Low) € 43 19% **1 Replacement Index * (V Low) Maternal Cow Traits: **-€** 116 18% **Maternal Progeny Traits:** €148 19% **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) +10.4% 18% (V Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) **** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 20% **** **** +38kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.08 17% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (V Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5.7% 13% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% * 水 Daughter Milk (kg) 16% -8.4kg (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg ** ** Daughter calving interval (days) +0.56davs 19% Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Value Reliability Linear composites Muscle Skeletal **Function** Herd data quality index Animal scored. Scores or weaning weights NOT included in evaluation N/A

Lot 61 Limkiln Historic ID: IE131680310146 **Breed:** Charolais Twin to Female Sex: Male **DOB**: 20-Aug-2012 Owner: Richard Hackett - Coolistique Clonlara Co Clare Breeder: Aimable Sire: Enfield Plexus Domino Anemone PXU Chloe Souverain Penelope Meillard Ri Dam: Limkiln Doreen Pirate IE131680390112 Banquise Nelson Limkiln Anv Limkiln Una Star Rating (Within € uro value Index Star rating (across **Economic Indexes** per progeny Reliability all beef breeds) Charolais breed € 131 28% **** **Terminal Index** **** (Low) **** €70 29% Replacement Index ** (Low) Maternal Cow Traits: **-€** 129 30% **Maternal Progeny Traits:** €199 29% **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% 29% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) -0.01 44% ** *** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 30% **** **** +37kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.2 29% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) 27% (Low) +5.9% Breed ave: 4.95%, All breeds ave: 5.19% ** * Daughter Milk (kg) -6.8kg 31% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg **** *** Daughter calving interval (days) 29% -1.03davs Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 118 31% Skeletal 101 30% Function 117 25% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 62 Quarry Hero 2 ID: IE241733170379 **Breed:** Charolais Sex: Male **DOB**: 01-Sep-2012 Owner: Declan Dalton - Dirreen Athea Co Limerick Breeder: Aimable Sire: Lisnagre Elite (Et) Domino Anemone LGL Ballydownan Violet Jupiter Ballydownan Simone (Et) (Et) Artiste Dam: Twilight Pappion Diego IE241256380264 Bienvenue Frudit Twilight Madona Clandonagh Girl Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 124 34% **** **Terminal Index** **** (Low) € 53 29% *** Replacement Index ** (Low) Maternal Cow Traits: **-€** 129 24% **Maternal Progeny Traits:** €182 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) +8.8% 36% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) -0.0455% ** * Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 37% **** **** +38kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.2 31% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +4.2% 17% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% A: * 1 -7.4kg Daughter Milk (kg) 24% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg ** Daughter calving interval (days) 22% +0.46davs Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 116 48% Skeletal 105 45% Function 104 22% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 63 Doon Hector ID: IE181698310699 **Breed:** Charolais Sex: Male **DOB**: 03-Sep-2012 Owner: Richard O'Beirne - Ardour Cloghans Hill Tuam Co Galway Breeder: Vladimer Sire: Noaille Eddv Vanille NAL Bavarois 5886106044 Janina Cocogirl **Epsom** Dam: Doon Eunice Malicieux IE181698380557 Grace Enfield Newlook **Dunlo Bernadine Dunlo Trinkerbell** Star Rating (Within € uro value Index Star rating (across **Economic Indexes** per progeny Reliability all beef breeds) Charolais breed) €111 28% *** **Terminal Index** ***1 (Low) € 124 **** 24% *** Replacement Index (Low) Maternal Cow Traits: -€44 18% **Maternal Progeny Traits:** €168 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% 31% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.03 45% *** *** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 33% **** *** +32kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.92 27% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +5.3% 9% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% **** *** Daughter Milk (kg) 19% +0kg (V Low) Breed ave: -5.65kg, All breeds ave: -0.01kg **** ***1 Daughter calving interval (days) -2.29davs 15% Breed ave: -0.06days, All breeds ave: -0.53days (V Low) Additional Information: Reliability Linear composites Muscle 106 49% Skeletal 113 46% Function 96 16% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 64 Fieldview Harper ID: IE291543090912 **Breed:** Charolais Sex: Male **DOB**: 03-Sep-2012 Owner: David Erskine - Crosses Monaghan Co Monaghan Breeder: Uranium Sire: Doonally New Harmas Athena CF52 Campagnard Intruse Dynamo Diamant Dam: Fieldview Dahlia Mogador IE291543040635 Tombola Oldstone Eabert Fieldview Urika Greaghglass Nicola Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed € 131 35% **** **Terminal Index** **** (Low) € 31 35% ** Replacement Index * (Low) Maternal Cow Traits: **-€** 162 34% **Maternal Progeny Traits:** €193 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 2% 36% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.13 46% **** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 37% **** **** +39kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.11 33% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) 30% (Low) +4.6% Breed ave: 4.95%, All breeds ave: 5.19% *** * Daughter Milk (kg) -5.9kg 33% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg 4 ¥ Daughter calving interval (days) 35% +3.71days Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 110 48% Skeletal 115 45% Function 115 30% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 65 Goldstar Henry Et ID: IE331457410293 **Breed:** Charolais Sex: Male **DOB**: 03-Sep-2012 Owner: Martin Ryan - Copperfield House Cabra Thurles Co Tipperary Breeder: Saint Are Sire: Jumper Cooper Uheda **JER** Ritournell Venus Idole Berlioz Dam: Goldstar Florence Et Major IE331457450231 Charmille Hidalgo Merveille Biche Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 115 32% ***1 **Terminal Index** **** (Low) *** € 68 30% Replacement Index ** (Low) Maternal Cow Traits: -€ 101 27% **Maternal Progeny Traits:** €148 30% **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) +9.05% 32% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.17 44% **** **** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 38% **** **** +42kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.83 32% ** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) 24% (Low) +4.45% Breed ave: 4.95%, All breeds ave: 5.19% **** ** Daughter Milk (kg) 29% -3kg (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg * * Daughter calving interval (days) 25% +2.04days Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 118 49% Skeletal 129 45% Function 110 21% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 66 Nore Hamilton Et ID: IE221396420280 **Breed:** Charolais Sex: Male **DOB**: 03-Sep-2012 Owner: Glenn Cooper - Cahir Coolrain Portlaoise Co Laois Breeder: **Brampton Ulysse** Sire: Oldstone Eabert **Brampton Banker Brampton Poppy** S124 Divity Richelieu Oldstone Ursula Annacloy Nancy Meillard Rj Dam: Nore Argentina (Et) P.T.I Prince IE221396440043 Joveuse Moyness Maharajah Ballvfin Serena (Et) -Bishopscourt Fressure (91f) Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 105 30% **Terminal Index** *** ** (Low) -€ 70 29% A: Replacement Index A: (Low) Maternal Cow Traits: **-€** 196 27% **Maternal Progeny Traits:** €126 30% **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) +12 9% 35% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) -0.08 45% 水 ** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) **** 31% **** +46kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.37 30% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) 23% (Low) +4.75% Breed ave: 4.95%, All breeds ave: 5.19% ** * Daughter Milk (kg) -6.6kg 30% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg ٦ ¥ Daughter calving interval (days) 25% +3.35davs Breed ave: -0.06days, All breeds ave: -0.53days (Low) **Additional Information:** Linear composites Reliability Muscle 123 31% Skeletal 125 30% Function 98 18% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 67 Grangwood Hooper ID: IE241054820195 Breed: Charolais Sex: Male **DOB:** 10-Sep-2012 Owner: Jerry O'Keeffe - Woodlawn Grange Knocklong Co Limerick Breeder: Sire: Enfield Picasso Vicomte Poupee PCO Tombola Orateur Penelope .lanissaire Dam: Grangwood Uniflamme Dovea Pinocchio IE241054830072 Ivanne **Lingot Dor** Grangwood (Imp Jupe 00f) Petite Dor Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) €112 31% *** **Terminal Index** ***1 (Low) € 31 30% ** Replacement Index * (Low) Maternal Cow Traits: **-€** 135 29% **Maternal Progeny Traits:** € 166 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) +8.6% 30% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) -0.01 41% ** *** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 36% **** ** +30kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.01 32% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) 26% (Low) +3.8% Breed ave: 4.95%, All breeds ave: 5.19% 水 A: Daughter Milk (kg) -9.6kg 30% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg ***1 *** Daughter calving interval (days) -0.73days 27% Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 121 43% Skeletal 123 40% Function 104 22% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 68 Monagh Hardy Boy ID: IE221155220432 **Breed:** Charolais Sex: Male **DOB**: 11-Sep-2012 Owner: Nigel Peavoy - Longmeadow Shannon Road Mountrath Co Laois Breeder: Loreto Sire: Texan-Gie Porto Lisbonne **TXG** Marquise Izverygood Eurovision **Doonally New** Dam: Monagh Ella **Dromiskin Viceroy** IE221155270346 Dromiskin Princess Oscar Monagh Ann Marie Monagh Orla Star rating (across Star Rating (Within € uro value Index **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 105 30% **1 **Terminal Index** *** (Low) €16 27% * 1 Replacement Index A: (Low) Maternal Cow Traits: **-€** 131 23% **Maternal Progeny Traits:** €146 30% **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% 33% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) 0.01 46% *** *** Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 34% **** **** +38kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.1 28% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +5.9% 14% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% A: ** Daughter Milk (kg) -7.2kg 25% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg ** Daughter calving interval (days) 20% +0.22days Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 105 48% Skeletal 113 45% Function 120 24% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 69 Tawny Hamish ID: IE231002050488 **Breed:** Charolais Sex: Male **DOB**: 12-Sep-2012 Owner: Ciaran Daly - Tawnytallan Tullaghan Leitrim Co Leitrim Breeder: Porto Sire: Cottage Devon Texan-Gie Marquise DEZ Cottage Amelie (Et) Oscar Farmleigh Lourda Dam: Tawny Caroline Hermes **Doonally New** IE231002060357 Intruse **Doonally Donald** Tawny Rose **Tawny Narcissus** Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 120 32% **** **Terminal Index** **** (Low) € 26 28% ** Replacement Index * (Low) Maternal Cow Traits: **-€** 131 23% **Maternal Progeny Traits:** € 155 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) +11.4% 34% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) *** **** Breed ave: 0.03.All breeds ave: 0 scale (Low) Carcass weight (kg) **** 39% **** +44kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +2.31 29% **** **** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) +5.1% 15% (V Low) Breed ave: 4.95%, All breeds ave: 5.19% A: * -9.3kg Daughter Milk (kg) 22% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg *** **1 Daughter calving interval (days) 21% -0.2davs Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Value Reliability Muscle Skeletal **Function** Herd data quality index Animal scored. Scores or weaning weights NOT included in evaluation N/A

Lot 70 Crockaun Huckleberryfinn ID: IE201372980071 Breed: Charolais Sex: Male **DOB**: 27-Sep-2012 Owner: Bernadette Dunne - Martinstown Curragh Co Kildare Breeder: Invincible Sire: Pirate Meillard Ri Badine PTE **Banquise** Voltaire Proie Uvonromane Dam: Crockaun Endever Dromiskin Bestmate IE201372960053 Dromiskin Valeriane Jefferson **Royal Pistache** Fleur Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed € 137 27% **** **Terminal Index** **** (Low) *** € 60 28% Replacement Index ** (Low) Maternal Cow Traits: **-€** 133 27% **Maternal Progeny Traits:** €189 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% 28% (Low) Breed ave: 7.55%.All breeds ave: 4.99% Docility (1-5 scale) -0.0741% ** * Breed ave: 0.03.All breeds ave: 0 scale (Average) Carcass weight (kg) 28% **** **** +42kg Breed ave: 31.88kg,All breeds ave: 21.98kg (Low) Carcass conformation (1-15 scale) +1.94 28% *** *** Breed ave: 1.9, All breeds ave: 1.83 scale (Low) **Expected daughter breeding performance** Daughter calving diff (% 3 & 4) 25% (Low) +3.9% Breed ave: 4.95%, All breeds ave: 5.19% A: * Daughter Milk (kg) -9.3kg 27% (Low) Breed ave: -5.65kg, All breeds ave: -0.01kg **** ***1 Daughter calving interval (days) -1.68days 26% Breed ave: -0.06days, All breeds ave: -0.53days (Low) Additional Information: Linear composites Reliability Muscle 118 27% Skeletal 116 27% 106 Function 24% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 71 Blossomfield Harry ID: IE182008860536 **Breed:** Charolais Twin to Male Sex: Male DOB: 30-Oct-2012 Owner: Anthony Kelly - Kingstown Ahascragh Ballinasloe Co Galway Breeder: Invincible Sire: Pirate Meillard Ri Badine PTE Banquise Voltaire Proie Fanion Dam: Gortruary Elaine Blakehill Leonardo IE181556430701 Blakehill Elaine Clenagh Vince Gortruary Caroline Cashelane Tara (Et) Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 121 27% **** **Terminal Index** **** (Low) € 91 **** 26% *** Replacement Index (Low) **Maternal Cow Traits: Maternal Progeny Traits: Dairy Beef** Star Rating (Within Index Trait Star rating (across Key profit traits Charolais breed) Value Reliability all beef breeds) Animal not scored. Group of 5 was Additional Information: Value Reliability Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 was possible

N/A

Lot 72 Blossomfield Henry ID: IE182008870537 **Breed:** Charolais Twin to Male Sex: Male DOB: 30-Oct-2012 Owner: Anthony Kelly - Kingstown Ahascragh Ballinasloe Co Galway Breeder: Invincible Sire: Pirate Meillard Ri Badine PTE Banquise Voltaire Proie Fanion Dam: Gortruary Elaine Blakehill Leonardo IE181556430701 Blakehill Elaine Clenagh Vince Gortruary Caroline Cashelane Tara (Et) Star Rating (Within € uro value Index Star rating (across **Economic Indexes** Reliability all beef breeds) per progeny Charolais breed) € 121 27% **** **Terminal Index** **** (Low) € 91 **** 26% *** Replacement Index (Low) **Maternal Cow Traits: Maternal Progeny Traits: Dairy Beef** Star Rating (Within Index Trait Star rating (across Charolais breed) Key profit traits Value Reliability all beef breeds) Animal not scored. Group of 5 was Additional Information: Value Reliability Muscle Skeletal **Function** Herd data quality index Animal not scored. Group of 5 was possible

N/A