## SHOW AND SALE ARRANGEMENTS

Alan Barry

Safety Officer:

In-take of Cattle 8.30am **Judging of Classes** 11.00a.m. Judge: Jon Regan Steward: Nevan McKiernan Sale Steward: John Beirne LOT NO. **CLASSES** 1. Male born 17th August - 3rd November 1-7 1st 2nd 3rd 4th 5th 2. Male born 25th November - 22nd December 8-15 1st 2nd 3rd 4th 5th 3. Male born 26th December - 21st January 16-22 1st 2nd 3rd 4th 5th 4. Male born 30th January - 28th March 23-29 1st 2nd 3rd 4th 5th

## 12.30p.m. Sale Commences in Catalogue Order

First five (5) animals into the ring, if unsold, may be re-run after 15 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 Athenry 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 Athenry Mart, or of their respective servants or agents or otherwise.

Males: 1 - 29

Minimum opening bid: €1,600 Minimum selling price: €2,000

## **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 Charylais dimais 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.

TB Test: - 90 day

- (b) All entries must be BVD tested and free of the virus.
- (c) Animals sold as Export Tested must have a valid export certificate which is in-date for a minimum of 3 working days following the sale.
- (d) The Bull and Female Fertility Guarantees as printed apply to the Sale.

#### **SALE**

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

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

## OVERSEAS PURCHASERS AND RE-TESTS

- (a) All animals sold for export are offered for sale subject to passing the required tests for export. Any other test/re-test required by the Purchaser must be arranged with the Vendor/s prior to sale and notified to the Auctioneers/Mart in writing.
- (b) All tests/re-tests must be carried out within six months after the day of sale. If the Purchaser does not test/re-test within the six months period he is bound to accept and pay for the animal unless otherwise agreed with the Vendor.
- (c) All tests/re-tests must be carried out on the premises of the Vendor. Before any test/re-tests are carried out the Purchaser must have deposited with the Auctioneers/Mart 25% of the purchase price this deposit must be paid to the Auctioneers/Mart on the day of sale.

  The remainder of the purchase price will fall due to be paid whenever the results show

- that the animal has passed those tests required under the test/re-test agreement. In the event of the animal failing to pass the test/re-test the sale will be cancelled and the deposit refunded (unless otherwise agreed by the Vendor).
- (d) The full purchase price and any expenses payable by the Purchaser will be paid to the Auctioneers/Mart before the animal will be exported from the Republic of Ireland.

#### **COMMISSION**

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

#### GENERAL

- (a) Without prejudice to the foregoing Rules it is hereby expressly declared that the Vendor by selling and the Purchaser by purchasing any animal shall be bound by the above Rules notwithstanding the terms of any statutory enactment or custom of trade to the contrary.
- (b) The Auctioneer is Judge of the Sale, to whom all disputes and differences of any kind which may arise at and in relation to the Auction, wither between Vendors and bidders or among bidders themselves shall be referred and his/her decision, shall be final and binding on all parties.
- (c) Any dispute as to any matter for the settlement of which no provision is made in these Rules shall be referred to an Arbiter or Arbiters to be appointed, failing agreement between or amongst the parties, by the Auctioneers or by the Society. The decision of the Arbiters so appointed shall be final and binding on all parties to the dispute. Any Arbitration under this Clause shall be subject to the provision of the Arbitration Act for the time being in force in the Republic of Ireland and shall be deemed to be a reference to Arbitration thereunder.
- (d) The Auctioneers act as Agents for the Vendors and any action taken by a Purchaser must be against the Vendor and not against the Auctioneers, the Mart or the Society and vice verse. No responsibility whatever rests with the Society, the Mart or the Auctioneers in regard to the qualifications of the animals sold by Auction and all purchases must be made on this distinct understanding.
- (e) Original importations cannot be exported.
- (f) Vendors must leave each of their sold animals with a strong halter suitable for transit.

  Vendors not complying with this Rule will be subject to a fine of 20.00/euro per animal.
- (g) Neither the Society, the Auctioneers or the Mart shall be responsible for any injury, damage or loss sustained by any person or animal on the premises of the Auctioneers or the Mart whether as a result of the negligence of the Auctioneers, the Mart or the Society or of their respective servants, or Agents or otherwise.
- (h) The Irish Charolais Cattle Society Ltd., the Auctioneers and the Mart cannot accept any responsibility for loss or damage to cards, trailers, lorries or any other property.

#### FEMALE FERTILITY GUARANTEE

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

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

The term "running with the bull" implies no guarantee of pregnancy unless specifically stated by the Vendor at the time of sale. Neither shall the provision by the Vendor of a certificate of

positive pregency diagnosis imply any such guarantee, this being merely an expression of opinion.

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

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

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

#### TIME LIMITS

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

Claims in the case of a maiden heifer which proves incapable of breeding because of malformation or abnormality of the genital system, shall be made not before the animal reaches 27 months of age and no claim will be admissible after the animal has attained 36 months of age. In the case of a heifer sold as un-served and which subsequently proves to be in calf, a claim must be made within six calendar months of the date of sale.

#### COWS

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

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

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

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

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

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

Claims must be accompanied by a Veterinary Certificate, a note of all natural services and artificial inseminations and veterinary treatments by the Purchaser or his Veterinary Surgeon. In notifying a claim the Purchaser must allow access to the Vendor and/or his Veterinary Surgeon, to the animal, with the rules of good pedigree animal husbandry applying at all times. To establish a claim the Purchaser and Vendor shall mutually agree upon a Veterinary Surgeon to examine the animal and failing agreement within three weeks after the receipt of the claim by the Society, a Veterinary Surgeon shall be appointed by the Society. In his certificate the Veterinary surgeon must state or not the condition of the animal was due to any injury or disease contracted since the sale. Should the Veterinary surgeon's certificate establish the Purchaser's claim the Vendor shall be bound to accept delivery of the cow or heifer (subject to the Dept. of Agriculture regulations under the Bovine T.B. eradication and Brucellosis eradication schemes)

and refund to the Purchaser the full purchase price of the animal which shall be at the Vendor's risk 7 days from the date of the notification to the Vendor of the Veterinary Surgeon's decision. Failing agreement between the Vendor and the Purchaser the Society shall decide by which part the Veterinary Surgeon's fees and expenses shall be paid and this decision shall be final and binding on both parties.

#### WARRANTY

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

#### **BULL FERTILITY GUARANTEES**

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

#### **GUARANTEE**

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

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

#### CONDITIONS

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

## The foregoing guarantee is subject to the following conditions: -

- (a) The bull shall be fairly tried with a view to him putting a female in a state of pregnancy by natural service within two months of the date of sale, or within two months of attaining the age of fourteen months, whichever is the later. For the purposes of this guarantee a bull shall not be deemed to be "fairly tried" when less than three female animals in season have been properly presented to or run with the bull.
- b) If, upon purchase of the bull, it is found impracticable for the Purchaser to fairly try the bull within the period stated at (a), due to the Purchaser's normal calving programme, the Insurers must be informed in writing immediately after the Sale by the Irish Charolais society by way of a deferral form completed by the purchaser, of the month in which it is proposed to commence using the bull. The date of commencement of the trial period may be extended to the first day of the month in which the Purchaser has notified them as aforesaid that he proposes to commence using the bull.
- (c) The Purchaser shall give notice to the Insurers of an inability of the bull to put a female in a state of pregnancy by natural service, or a suspected inability in this respect not before the expiration of one month nor after the expiration of three months from the date of sale or of the bull attaining fourteen months, or any extension of the commencement of the trial period granted pursuant to (b) above, whichever is the later.

- (d) On receipt of the notice referred to in (c) the Insurers may request at the insurers discretion any of the following at the purchasers own expense in order to validate the fertility of the bull and submitted to the Insurers within 30 days of the date of notification
- (i) Bull fertility test and associated report
- (ii) Certificate and report by a qualified veterinary surgeon declaring that the inability to put a female in a state of pregnancy by natural service is not the result of injury, accident, disease or neglect happening after the sale, and that he has examined the females on which the bull has been tried and has found them in a normal breeding condition and that they are not responsible for the bull's inability to put a female in a state of pregnancy by natural service.
- (iii) Scanning report
- (e) The Purchaser shall (if required) allow a Veterinary Surgeon appointed by the Insurers to examine and try the bull.
- (f) The insurer retains salvage of any bull subject to a claim or deducts the salvage value from any claim settlement
- (g) All claims will be between the Purchaser and the Insurer. The insurer will not be under any liability whatever to the Purchaser in respect of any loss sustained by the Purchaser however this loss arises and whether it be consequential or otherwise.
- (h) All veterinary regulations under the Guarantees must be strictly adhered to and the rules of good pedigree animal husbandry must apply at all times.
- (i) Under no circumstances will the insurer be liable for more than the purchase price of the animal.
- (j) The guarantee does not apply to animals re sold during the period of the guarantee, the new Purchaser will not be entitled to the benefit of the guarantee. The guarantee will expiry in these instances.

The Insurers referred to in this guarantee are:

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

FBD Insurance Plc is regulated by the Central Bank of Ireland

#### **GENERAL**

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

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

## **SAFETY STATEMENT - PLEASE TAKE NOTE**

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

## 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:

 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 %
Calving Traits	Calving difficulty (direct and maternal), gestation & mortality	30%
Docility	Weanling Docility	3%
Beef	Carcass Weight, Carcass Conformation & Carcass Fat	49%
Feed Intake	Weanling, Replacement Heifer and Cow Intake	18%

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

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 %
<b>Calving Traits</b>	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 ½ stars	An animal is in the top 15% of the breed for that trait
4 stars	An animal is in the top 20% of the breed for that trait
3 ½ stars	An animal is in the top 30% of the breed for that trait
3 stars	An animal is in the top 40% of the breed for that trait
2 ½ stars	An animal is in the top 50% of the breed for that trait
2 stars	An animal is in the bottom 40% of the breed for that trait
1 1/2 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** 

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Calving Difficulty	Charolais Breed Average has	The <b>lower</b> 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 <b>higher</b> 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 <b>higher</b> the figure the
	+31.88kg	better (eg +32.92kg is better
		than +31.88kg)
Carcase Conformation	Charolais Breed Average	The <b>higher</b> the figure the
(1-15 scale)	+1.9	better (eg +2.1 is better than
		+1.9)

Expected Daughter Breeding Performance

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Daughter Calving Difficulty	Charolais Breed Average has	The <b>lower</b> 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 <b>lower</b> the (-) figure the
	-5.65kg	better (eg -3.8kg is better
		than -5.65kg)
Daughter Calving Interval	Charolais Breed Average	The <b>lower</b> the figure the
(days)	-0.06	better (eg -0.90 days is
		better than +0.45days)

# ICBF G€N€ IR€LAND MATERNAL BULL BREEDER PROGRAMME STAMP



As you look through this sale catalogue you will notice the above stamp attached to the €uro-Star index of certain animals. This stamp is assigned to the **HERD** from which these animals come and it signifies that the **BREEDER** of that herd has signed up to the ICBF G€N€ IR€LAND Maternal Bull Breeder Programme and breeding data from that herd has been verified by ICBF.

## **Background**

ICBF launched this programme in the autumn of 2012. It was set up for two primary reasons:

- To encourage more detailed and accurate data recording in pedigree beef herds.
- To put more emphasis on maternal traits such as milk and fertility in pedigree breeding.

By encouraging more emphasis on maternal breeding in pedigree beef herds, ICBF and the Irish Charolais Cattle Society hope to reverse the worrying decline in desirable maternal traits in the national suckler herd.

#### So what exactly does the stamp mean?

The stamp flags animals from ICBF G€N€ IR€LAND accredited herds. By joining the programme, these herds have undertaken to record high levels of accurate data on their pedigree animals. Events such as inseminations, birth dates, calving ease, birth weights and weaning weights must all be recorded by breeders in a complete, accurate and timely (within 21 days) manner. ICBF will monitor the recording of this data on an ongoing basis. Herds that fail to meet certain requirements will **not** receive a stamp. All participating herds have received a full herd scoring session as well as an ICBF personnel visit to outline the programme and its requirements. It is important to note, however, that a stamp does not necessarily guarantee an animal of high genetic merit. The €uro-Star figures and appearance of an animal should be taken into account before making a purchase.

#### What else will the programme do?

ICBF will also monitor these herds for potential elite breeding bulls. The best bulls from these herds will be selected by a breed committee. The chosen bulls will then be purchased, entered to AI and have a full progeny test carried out. This process will identify elite bulls which pedigree breeders can in turn use to increase the genetic merit of their herds. This will subsequently improve maternal traits in the national suckler herd. To date the G€N€ IR€LAND programme has purchased 22 bulls (including 4 Charolais bulls) across 11 different breeds for progeny testing in 2014.

All pedigree breeders are invited to join the programme. For further information please contact the ICBF G€N€ IR€LAND Maternal Bull Breeder Programme on 1850 600 900 or the Irish Charolais Cattle Society on 01-4198050.



Lot	Vendor
14, 21, 23	David Abbott - Woodview House Drumcrow Killeshandra Cavan Co Cavan
7, 20, 22	Basil Bothwell - Dereskit Killeshandra Co Cavan
9, 26, 27	Joe Clancy - Gortreevagh Oughterard Co Galway
3	Patrick Daveron - Inchiquin Ower Co Galway
8	John Frost - Drumline Newmarket On Fergus Co Clare
16	Michael Green - Dromore Feakle Co Clare
12	Frank Harrington - Ballinafad House Ballybeg Strokestown Co Roscommon
4, 5	Charles J Hughes - Lankhill Westport Co Mayo
6	Michael Kavanagh - Brownshill Carlow Co Carlow
13, 15, 17	Mattie Kelly - Cloughbrack Newbridge Ballinasloe Co Galway
10	Gerard Lynch - Moymore Tulla Ennis Co Clare
18, 25, 28	Michael Nerney - Chapel Street Elphin Castlerea Co Roscommon
1, 24	Michael O Connor - Turlough Bellharbour Co Clare
19, 29	Jerry O'Keeffe - Woodlawn Grange Knocklong Co Limerick
2, 11	Francis Ryan - Fahy Rosscahill Co Galway

Lot 1 TURBELL JONES           ID: IE131909860081         Breed: Charolais           Sex: Male         DOB: 17-Aug-2014							
Owner: Michael C	Owner: Michael O Connor - Turlough Bellharbour Co Clare						
Breeder:							
Sire: Inverlochy Gu GKA	rkha Balmyle Bollinger —		Dingle Hofmeiste Balmyle Tinsle	ər			
	Inverlochy Volga		Rumsden Samur				
Dam: Killenacurry E	-ileen		Inverlochy Natur	al			
IE131015820340							
	Killenacurry Patsy —		Vern Indigo Lotomore Irene				
Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating all bee	j (across of breeds)		
*	Terminal Index	€95	<b>23%</b> (Low)	***			
****	Replacement Index	€56	18% (V Low)	***	,		
	Maternal Cow Traits :	€6	15%				
	Maternal Progeny Traits :	€49	25%				
	Dairy Beef						
Star Rating (Within Charolais breed)	Key profit traits	Index	Trait	Star rating	(across		
Charolais breed)	Expected progeny perfor	Value mance	Reliability	all bee	of breeds)		
	Calving difficulty (% 3 & 4)	+11.3%	33%				
	Breed ave: 7.58%,All breeds ave: 4.49%	111070	(Low)				
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0.16 scale	35% (Low)	***	**		
****	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+33kg	24% (Low)	***	**		
****	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+1.91 scale	17% (V Low)	***	**		
	Expected daughter breeding	g performar	nce				
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+5.3%	10% (V Low)				
****	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	+0.6kg	15% (V Low)	**			
****	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	-0.85days	16% (V Low)	***			
Additional Informat	Additional Information:  Linear composites Value Reliability						
			Muscle	113	40%		
			Skeletal	117	38%		
	Function   107   12%						
Animal scored Lines	r scores and weaping weights in evaluations		Herd data qua	lity index			
Animal scored. Linear scores and weaning weights in evaluations  NA							

Lot 2 LAND ID: IE1813108701		ORDAN ET : Charolais					
Sex: Male	DOB:	06-Sep-2014					
Owner: Francis Ryan - Fahy Rosscahill Co Galway							
Breeder:							
Sire: Bova Sylvain SLV		Oriental —		Major Jerusalem			
		Jacobine		Erudit Bichette			
Dam: Blackhill Sepe IE181768480235	erable (Et)	Hermes —		Uranium Athena			
		2742 Panade - T C —		icare Isabelle			
Star Rating (Within Charolais breed)	Economi	c Indexes	€uro value per progeny	Index Reliability	Star rating all bee	g (across of breeds)	
****	Terminal Inc	lex	€127	<b>33%</b> (Low)	***	**	
**	Replacemen	nt Index	<b>-€</b> 16	<b>34%</b> (Low)	*		
	Maternal C	Cow Traits :	-€90	35%			
		Progeny Traits :	€74	33%			
	Dairy Beef						
Star Rating (Within Charolais breed)	Key prot	it traits	Index Value	Trait Reliability	Star rating	g (across of breeds)	
	Expe	cted progeny perfor	mance				
	Calving difficulty Breed ave: 7.58%,A		+10%	31% (Low)			
****	Docility (1-5 scale Breed ave: 0.04,All b	e) preeds ave: 0	0.08 scale	46% (Average)	***	**	
****	Carcass weight ( Breed ave: 30.88kg,	kg) All breeds ave: 13.98kg	+38kg	39% (Low)	***	**	
**	Carcass conform Breed ave: 1.78,All b	ation (1-15 scale) preeds ave: 1.23	+1.66 scale	33% (Low)	***	**	
	Expecte	d daughter breeding	performar	nce			
	Daughter calving Breed ave: 5.89%,A		+5%	29% (Low)			
**	Daughter Milk (kg Breed ave: -6.06kg,	g) All breeds ave: 2.97kg	-7.6kg	39% (Low)	*		
*	Daughter calving Breed ave: 0.4days,	interval (days) All breeds ave: -0.39days	+2.95days	35% (Low)	*		
Additional Informati	ion:			Linear compos	sites Value	Reliability	
				Muscle	103	45%	
				Skeletal	124	44%	
				Function	112	26%	
Animal scored. Linear	r scores and weaning	weights in evaluations		Herd data qua	lity index		

ID: IE1815521604 Sex: Male	DOB: 12-Sep-2014  averon - Inchiquin Ower Co Galway  Texan-Gie  Sheehills Ula	———[ ———[	— Porto — Marquise — Doonally New — Ballyboyle Nulls — Meillard Rj — Banquise	a (Imp OOIt)	
	Inchiquin Victoria		<ul><li>Boyannagh Nov</li><li>Claureen Odess</li></ul>		
Star Rating (Within Charolais breed)	Economic Indexes	€uro va per prog		Star rating	g (across ef breeds)
***	Terminal Index	€ 121		***	
****	Replacement Index  Maternal Cow Traits:	<b>€63</b> -€18	25% (Low) 23%	***	7
	Maternal Progeny Traits :	€81	29%		
	Dairy Beef				
Star Rating (Within Charolais breed)	Key profit traits	Index Value		Star rating	g (across ef breeds)
	Expected progeny peri		Reliability	all be	er preeas)
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+6.1%	33% (Low)		
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0.15 scale	43% (Average)	***	**
***	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+31kg	30% (Low)	***	**
****	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+1.93 scale	30% (Low)	***	**
	Expected daughter breed	ng perfor	mance		
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+6.6%			
***	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	-6.2kg	25% (Low)	*	
****	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39da	-2.85c	lays 22% (Low)	***	**
Additional Information:  Linear composites Value Reliabil			Reliability		
			Muscle	104	27%
			Skeletal	108	27%
			Function	137	20%
Animal scored. Linear	r scores and weaning weights in evaluations		Herd data qua	ality index	
	. B		IWA		

#### Lot 4 CLEWBAY12 JAZZMAN ET **ID**: IE272285810477 **Breed:** Charolais Sex: Male **DOB**: 25-Sep-2014 Owner: Charles J Hughes - Lankhill Westport Co Mayo Breeder: Sire: Erckmann Aigleroyal Tirelire **ERK** Veau D Or **Bryone** Editrice Dam: Clewbay Freda Et Berlioz Major IE272285820395 Charmille Hidalgo Merveille Biche Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) Reliability Charolais breed) per progeny €115 23% (Low) \*\*\* \*\*\*\* Terminal Index 19% (V Low) **-€17** Replacement Index \* Maternal Cow Traits: -€82 18% Maternal Progeny Traits: €65 23% **Dairy Beef** Star Rating (Within Trait Star rating (across all beef breeds) Charolais breed) Key profit traits Expected progeny performance Calving difficulty (% 3 & 4) +10.4% 26% (Low) Breed ave: 7.58%, All breeds ave: 4.49% Docility (1-5 scale) 36% 0.12 \*\*\*\* \*\*\*\* Breed ave: 0.04,All breeds ave: 0 scale (Low) Carcass weight (kg) \*\*\*\* 28% \*\*\*\* +37ka Breed ave: 30.88kg,All breeds ave: 13.98kg (Low) Carcass conformation (1-15 scale) \*\*\* +177 22% \*\*\*\* Breed ave: 1.78.All breeds ave: 1.23 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +6.8% 11% (V Low) Breed ave: 5.89%, All breeds ave: 6.48% \* \* Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg -9kg 23% (Low) \*\*\* \*\*\* Daughter calving interval (days) +0.09days 14% Breed ave: 0.4days, All breeds ave: -0.39days (V Low) Additional Information: Linear composites Value Reliability Muscle 117 38% Skeletal 117 36% Function 103 12% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

#### Lot 5 CLEWBAY12 JETTA ID: IE272285880483 **Breed:** Charolais DOB: 10-Oct-2014 Sex: Male Owner: Charles J Hughes - Lankhill Westport Co Mayo Breeder: Toulon Sire: Gedeon Dany Suzette **GEZ** Valdevie Clementine Ursuline Meillard Rj Dam: Castleconnor Gerty Pirate IE321453790183 Banquise Mogador Castleconnor Daisy -Castleconnor Tamara Star Rating (Within €uro value Star rating (across **Economic Indexes** per progeny Reliability all beef breeds) Charolais breed) €131 25% \*\*\*\* \*\*\*\* Terminal Index €67 19% (V Low) Replacement Index \*\*\* \*\*\*\* Maternal Cow Traits: -€15 16% **Maternal Progeny Traits:** €82 26% **Dairy Beef** Star Rating (Within Trait Star rating (across all beef breeds) Charolais breed) Key profit traits Expected progeny performance Calving difficulty (% 3 & 4) +7.6% 34% (Low) Breed ave: 7.58%, All breeds ave: 4.49% Docility (1-5 scale) -0.06 35% \*\* \* Breed ave: 0.04,All breeds ave: 0 scale (Low) Carcass weight (kg) \*\*\*\* \*\*\*\* 26% +38ka Breed ave: 30.88kg,All breeds ave: 13.98kg (Low) Carcass conformation (1-15 scale) +1 92 18% \*\*\*\* \*\*\*\* Breed ave: 1.78.All breeds ave: 1.23 scale (V Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5.2% 10% (V Low) Breed ave: 5.89%. All breeds ave: 6.48% \*\*\*\* \*\* Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg +0kg 19% (V Low) \*\*\*\* Daughter calving interval (days) -2.13days 15% Breed ave: 0.4days, All breeds ave: -0.39days (V Low) Additional Information: Linear composites Value Reliability Muscle 109 38% Skeletal 102 36% Function 11% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 6 BBOM	/NSHILL14 JERA	MIA L				
ID: IE1112824100						
Sex: Male	DOB: 15-Oct					
Owner: Michael Ka	avanagh - Brownshill Carlo	ow Co Carlow				
Breeder:						
Sire: Blelack Digger S956	Balthayo	ock Adonis —		Balmyle Thunder Balthayock Peac		
	Galcanti	ay Abbey		Blelack Montgon Blelack Rachel	nery	
Dam: Calla Godess IE182068090680	Cottage	Devon —		Texan-Gie Cottage Amelie (	Et)	
	Calla Ca	roline —		Mulroog Viacom Calla Snowillly	(Et)	
Star Rating (Within Charolais breed)	Economic Indexes	;	€uro value per progen		Star ratin all be	g (across ef breeds)
****	Terminal Index		€122	<b>26%</b> (Low)	***	**
****	Replacement Inde	ex	€43	19% (V Low)	**	
	Maternal Cow Trai		-€ 34	16%		
	Maternal Progeny	Traits :	€78	26%		
	Dairy Beef					
Star Rating (Within Charolais breed)	Key profit traits		Index Value	Trait Reliability	Star ratin	g (across ef breeds)
	Expected pro	ogeny perfor	mance			
	Calving difficulty (% 3 & 4 Breed ave: 7.58%,All breeds a	,	+7.5%	31% (Low)		
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave	e: 0	0.14 scale	44% (Average)	***	**
****	Carcass weight (kg) Breed ave: 30.88kg,All breeds	ave: 13.98kg	+38kg	27% (Low)	***	**
**	Carcass conformation (1- Breed ave: 1.78,All breeds ave		+1.7 scale	26% (Low)	***	**
	Expected daug	hter breeding	performa	nce		
	Daughter calving diff (% 3 Breed ave: 5.89%,All breeds a		+6.2%	10% (V Low)		
****	Daughter Milk (kg) Breed ave: -6.06kg,All breeds	ave: 2.97kg	-1.5kg	15% (V Low)	*	
**	Daughter calving interval Breed ave: 0.4days,All breeds	(days)	+1.45day	15% (V Low)	**	
Additional Informati	on:			Linear compos	sites <u>Value</u>	Reliability
				Muscle	104	30%
				Skeletal	109	30%
				Function	98	17%
Animal scored Linear	scores and weaning weights in	evaluations		Herd data qua	lity index	
,idi sosicu. Liileai	200.00 and wearing weights in			N/A		

#### Lot 7 DERESKIT JOKER 2 **ID**: IE121402010785 **Breed:** Charolais DOB: 03-Nov-2014 Sex: Male Owner: Basil Bothwell - Dereskit Killeshandra Co Cavan Breeder: Sire: Roughan Callum Roughan Viceroi IE161190791159 Hautesse Nanouk Roughan Sabrina Roughan Nicola Dam: Dereskit Delight Berlioz Major IE121402070510 Charmille Meillard Ri Dereskit Rosabel Dereskit Nettie Star Rating (Within Star rating (across €uro value **Economic Indexes** per progeny Reliability all beef breeds) Charolais breed) €114 31% (Low) \*\*\* \*\*\*\* Terminal Index €47 26% \*\*\*\* Replacement Index \*\* (Low) Maternal Cow Traits: **-€23** 24% Maternal Progeny Traits: €70 31% **Dairy Beef** Star Rating (Within Star rating (across all beef breeds) Charolais breed) Key profit traits Expected progeny performance Calving difficulty (% 3 & 4) +7.9% 32% (Low) Breed ave: 7.58%, All breeds ave: 4.49% Docility (1-5 scale) 47% 0.23 \*\*\*\* \*\*\*\* Breed ave: 0.04,All breeds ave: 0 scale (Average) Carcass weight (kg) \*\*\*\* 37% \*\*\*\* +33ka Breed ave: 30.88kg,All breeds ave: 13.98kg (Low) Carcass conformation (1-15 scale) \*\*\* +176 30% \*\*\*\* Breed ave: 1.78.All breeds ave: 1.23 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +7% 16% (V Low) Breed ave: 5.89%.All breeds ave: 6.48% \*\*\*\* \* Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg -1.6kg 24% (Low) $\star\star$ \* Daughter calving interval (days) +1.85days 21% Breed ave: 0.4days, All breeds ave: -0.39days (Low) Additional Information: Linear composites Value Reliability Muscle 105 50% Skeletal 102 48% Function 111 20% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 8 DRUMLINE JASON 2           ID: IE131191120972         Breed: Charolais           Sex: Male         DOB: 25-Nov-2014						
Owner: John Fros Breeder:	st - Drumline Newmarket On Fergus Co	Clare				
<b>Sire:</b> Blakestown Ar BZT	rtiste Pedro —	[		Leader Luge		
	Royale			Pacha Noblesse		
Dam: Mulroog Cupi IE182584170212	d Panoramix —			Hermes Hermione		
	Mulroog Venus —		_ '	Loch Ness		
Star Rating (Within Charolais breed)	Economic Indexes	€uro v per pro		Index Reliability	Star rating	g (across ef breeds)
***	Terminal Index	€112	2	<b>30%</b> (Low)	***	*
***	Replacement Index	€24		25% (Low)	*	
	Maternal Cow Traits:	-€ 38		22%		
	Maternal Progeny Traits :	€62		31%		
	Dairy Beef					
Star Rating (Within Charolais breed)	Key profit traits	Index Value		Trait Reliability	Star rating	g (across ef breeds)
	Expected progeny perfor	mance		<u> </u>		
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+10.7	%	32% (Low)		
**	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0 scale		42% (Average)	***	7
****	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+37kg	9	36% (Low)	***	**
**	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+1.61 scale		31% (Low)	***	**
	Expected daughter breeding	perfo	rmar	nce		
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+5.6%	6	20% (Low)		
****	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	-1kg		26% (Low)	**	
**	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	+1.01	days	19% (V Low)	**	
Additional Informat	ion:			Linear compo	sites Value	Reliability
				Muscle	119	48%
				Skeletal Function	115 101	46% 18%
			,			
Animal scored. Linear scores and weaning weights in evaluations				Herd data qua	lity index	

Lot 9 WESTERN JACQUES ID: IE181306180320 Breed: Charolais Sex: Male DOB: 25-Nov-2014							
Owner: Joe Clancy - Gortreevagh Oughterard Co Galway							
Breeder:							
Sire: Bowerhouses BHP	Topper Tattenhall Impeccable		Ecossais Tattenhall Eclips	e			
	Goldies Haquenee		Damocles				
Dames Mantage Francis	·		Blanchette Valois				
<b>Dam:</b> Western Fand IE181306180246	Excellent —		Angele				
	Western Una —		Dovea Gin Tonic Western Sunshir				
Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)			
**	Terminal Index	€104	33% (Low)	***			
****	Replacement Index	€22	31% (Low)	*			
	Maternal Cow Traits :	-€ 44	30%				
	Maternal Progeny Traits :	€67	33%				
	Dairy Beef						
Star Rating (Within Charolais breed)	Key profit traits	Index Value	Trait Reliability	Star rating (across all beef breeds)			
,	Expected progeny perfor		rteliability	an beer breeds)			
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+5.7%	33% (Low)				
***	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0.03 scale	46% (Average)	***			
**	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+29kg	37% (Low)	****			
*	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+1.56 scale	32% (Low)	****			
	Expected daughter breeding	performar	nce				
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+5.5%	28% (Low)				
****	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	-3.7kg	31% (Low)	*			
****	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	-1.49days	29% (Low)	****			
Additional Informat	ion:		Linear compos	sites Value Reliability			
			Muscle	96 49%			
			Skeletal	107 47%			
			Function	95 25%			
			Herd data qua	lity index			
Animal scored. Linea	r scores and weaning weights in evaluations		N/A				

## Lot 10 KNOCKMOYLE10 JACKSON

ID: IE131911950036 Breed: Charolais Twin to Male

**Sex:** Male **DOB:** 28-Nov-2014

Owner: Gerard Lynch - Moymore Tulla Ennis Co Clare

Breeder:



Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€ 124	17% (V Low)	****
**	Replacement Index	<b>-€</b> 18	15% (V Low)	*
	Maternal Cow Traits :	<b>-€</b> 90	14%	
	Maternal Progeny Traits :	€73	17%	
	Dairy Beef			

Charolais breed)	Key profit traits	Value	Reliability	all beef breeds)				
Expected progeny performance								
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+9.3%	22% (Low)					
***	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0.02 scale	17% (V Low)	***				
****	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+40kg	18% (V Low)	****				
****	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+1.98 scale	16% (V Low)	****				
Expected daughter breeding performance								

Expected daughter breeding performance						
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+7.4%	11% (V Low)			
**	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	-7.1kg	17% (V Low)	*		
**	Daughter calving interval (days)	+0.96days	13%	**		

Additional Information:

Star Rating (Within

Linear composites	Value	Reliability
Muscle	121	18%
Skeletal	116	18%
Function	112	11%

Animal scored. Linear scores and weaning weights in evaluations

Herd data quality index

Lot 11 LAN ID: IE1813108701 Sex: Male	DLEAGUE JOKER  17 Breed: Charolais  DOB: 02-Dec-2014						
	yan - Fahy Rosscahill Co Galway						
Breeder:							
Sire: Prime Roberto PBT	Indurain —			Vicomte Tombola			
	Prime Noelle			Jupiter Knockane Cynth	ia		
Dam: Carrowkeel A IE311405530199	ngle Mozart —			Jason Jaffa			
	Carrowkeel Tina		— 1	Doonally Olmeto Carrowkeel Paul			
Star Rating (Within Charolais breed)	Economic Indexes	€uro va		Index Reliability			(across breeds)
***	Terminal Index	€117	•	<b>34%</b> (Low)	**	*	*
*	Replacement Index	<b>-€</b> 23		<b>32%</b> (Low)	*		
	Maternal Cow Traits :	-€92		31%			
	Maternal Progeny Traits :	€69		34%			
	Dairy Beef						
Star Rating (Within Charolais breed)	Key profit traits	Index Value		Trait Reliability	Star ra	ting beef	(across breeds)
	Expected progeny perform	mance		Ţ.			
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+9.4%	)	35% (Low)			
***	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0.04 scale		42% (Average)	**	*	*
***	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+32kg	l	37% (Low)	**	*	**
****	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+2.01 scale		33% (Low)	**	*	**
	Expected daughter breeding	perfor	man	ice			
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+6.4%	)	30% (Low)			
*	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	-9.5kg		31% (Low)	*		
**	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	+2day	s	29% (Low)	*		
Additional Informat	ion:			Linear compos	sites Va	lue l	Reliability
			ļ	Muscle	10		45%
			}	Skeletal Function	10		44% 27%
Animal scored. Linea	r scores and weaning weights in evaluations			Herd data qua	lity index		
L				IVA			

Lot 12 VER ID: IE3113176802				
Sex: Male	<b>DOB:</b> 04-Dec-2014			
Owner: Frank Har	rrington - Ballinafad House Ballybeg Stro	okestown Co	o Roscommo	on
Breeder:				
Sire: Pirate PTE	Meillard Rj —		Invincible Badine	
	Banquise		Voltaire Proie	
<b>Dam:</b> Vern Grace IE311317640205	Repair —		Jumper Ile	
	Vern Angela —		Domino Vern Sandra (Et)	
Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating (across all beef breeds)
****	Terminal Index	€149	<b>29%</b> (Low)	****
****	Replacement Index	€91	30% (Low)	****
	Maternal Cow Traits :	-€4	30%	
	Maternal Progeny Traits :	€95	30%	
	Dairy Beef			
Star Rating (Within Charolais breed)	Key profit traits	Index Value	Trait Reliability	Star rating (across all beef breeds)
	Expected progeny perfor	mance	·	
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+7.8%	33% (Low)	
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0.05 scale	31% (Low)	****
****	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+42kg	30% (Low)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+2.05 scale	29% (Low)	****
	Expected daughter breeding	g performa	nce	
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+4.3%	28% (Low)	
***	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	-5.7kg	30% (Low)	*
****	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	-3.65days	33% (Low)	****
Additional Informat	ion:		Linear compos	sites Value Reliability
			Muscle	114 31%
			Skeletal	118 31%
			Function	100   26%
Animal scored. Linea	r scores and weaning weights in evaluations		Herd data qua	lity index

Lot 13 CLO ID: IE1819423803 Sex: Male	UGHBRACK JOEY 93 Breed: Charolais DOB: 07-Dec-2014				
Owner: Mattie Kel Breeder:	ly - Cloughbrack Newbridge Ballinasloe	Co Galv	vay		
<b>Sire:</b> Nippur NPP	Ficus —		- Rivoire - Unique		
	O2jacinthe		— Casoar — Harpe		
Dam: Cloughbrack I IE181942380328	Heidi Enfield Plexus —		— Domino — Chloe		
	Castlemartin Vichy —		<ul><li>Kilmore Sai</li><li>Castlemarti</li></ul>	n Oh My Girl	
Star Rating (Within Charolais breed)	Economic Indexes	€uro va per prog		lex Star ratin lity all be	ng (across eef breeds)
***	Terminal Index	€115	33% (Low)	***	<b>*</b> *
****	Replacement Index	€23	28% (Low)	<b>★</b>	
	Maternal Cow Traits :	-€ 47	26%	·	
	Maternal Progeny Traits :	€70	34%	)	
	Dairy Beef				
Star Rating (Within Charolais breed)	Key profit traits	Index Value	Tr Reliabil		ng (across eef breeds)
	Expected progeny perform			,	
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+8.8%	34% (Low)		
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0.06 scale	47% (Average	,	<b>*</b> *
**	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+29kg	39% (Low)	,	***
**	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+1.61 scale	33% (Low)	,	***
	Expected daughter breeding	g perfori	mance		
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+5.1%	22% (Low)		
***	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	-5.6kg	31% (Low)		
**	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	+1.250	lays 21% (Low)		
Additional Informati	on:		Linear co	mposites Value	Reliability
			Muscle	108	52%
			Skeletal	102	50%
			Function	88	21%
Animal scored. Linear	r scores and weaning weights in evaluations		Herd data	quality index	

Lot 14 DRU ID: IE1215848710 Sex: Male	MCROW JAMES 01 Breed: Charolais DOB: 10-Dec-2014						
Owner: David Abbott - Woodview House Drumcrow Killeshandra Cavan Co Cavan							
Breeder:							
Sire: Roughan Callu IE161190791159	um Roughan Viceroi —		Ronsard Hautesse				
	Roughan Sabrina						
<b>Dam:</b> Drumcrow Da	Dam: Drumcrow Daisy Burradon Talisman						
1212100100000	Drumcrow Tanya —		Burradon Juicey Doonally New Drumcrow Matild				
Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating	j (across of breeds)		
***	Terminal Index	€113	31% (Low)	***	*		
****	Replacement Index	€44	<b>24%</b> (Low)	**			
	Maternal Cow Traits:	-€22	21%				
	Maternal Progeny Traits :	€66	32%				
	Dairy Beef						
Star Rating (Within Charolais breed)	Key profit traits	Index Value	Trait Reliability	Star rating	(across		
	Expected progeny perfor		,				
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+9.8%	33% (Low)				
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0.12 scale	56% (Average)	***	**		
****	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+34kg	36% (Low)	***	**		
****	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+1.84 scale	30% (Low)	***	**		
	Expected daughter breeding	performar	nce				
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+6.8%	14% (V Low)				
****	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	+2.9kg	26% (Low)	***			
*	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	+3.24days	17% (V Low)	*			
Additional Informat	ion:		Linear compos	sites <u>Value</u>	Reliability		
			Muscle	115	51%		
			Skeletal	108	49%		
			Function	117	18%		
			Herd data qua	lity index			
Animal scored. Linea	r scores and weaning weights in evaluations		N/A				

Lot 15 CLOUGHBRACK JAKEY           ID: IE181942350399         Breed: Charolais           Sex: Male         DOB: 22-Dec-2014								
Owner: Mattie Ke Breeder:	lly - Cloughbrack N	lewbridge Ballinasloe	Co Gal	way				
Sire: Oscar OSC		Major —			Berlioz Charmille			
		Toise			Panama Imprudente			
Dam: Cloughbrack IE181942310107	Starlet	Loch Ness —			Isidore Heredite			
		Cloughbrack Janey —	[	_	Tyone Frosty Belvedere Honey			
Star Rating (Within Charolais breed)	Economic	c Indexes	€uro v per pro		Index Reliability			(across f breeds)
*	Terminal Inc	lex	€97		37% (Low)	**	*	
****	Replacemen	nt Index	€45		36% (Low)	**		
		Cow Traits :	-€13		36%			
		Progeny Traits :	€ 58		37%			
01 0 11 0 1111	Dairy Beef							
Star Rating (Within Charolais breed)	Key prof	it traits	Index Value		Trait Reliability	Star ra all	ting bee	(across f breeds)
	Expe	cted progeny perfor	mance					
	Calving difficulty Breed ave: 7.58%,A		+7.45	%	39% (Low)			
**	Docility (1-5 scale Breed ave: 0.04,All b		-0.01 scale		48% (Average)	**	*	
**	Carcass weight ( Breed ave: 30.88kg,	kg) All breeds ave: 13.98kg	+29kg	)	41% (Average)	**	*	**
**	Carcass conform Breed ave: 1.78,All b	ation (1-15 scale) preeds ave: 1.23	+1.67 scale		35% (Low)	**	*	**
	Expecte	d daughter breeding	perfo	rmar	nce			
	Daughter calving Breed ave: 5.89%,A		+5.95	%	35% (Low)			
****	Daughter Milk (ko Breed ave: -6.06kg,	g) All breeds ave: 2.97kg	-3.2kg	9	35% (Low)	*		
****	Daughter calving Breed ave: 0.4days,	interval (days) All breeds ave: -0.39days	-3.990	days	41% (Average)	**	*	**
Additional Informat	ion:				Linear compos	sites Va	ue	Reliability
					Muscle	10		53%
					Skeletal Function	12		51% 27%
					Hard determine	lés e la sala		
Animal scored. Linea	r scores and weaning	weights in evaluations			Herd data qual	ity index		

Lot 16 FEAH ID: IE1316942102 Sex: Male Owner: Michael G Breeder: Sire: Feakle Hunk IE131694260184  Dam: Feakle Ginger IE131694270169	DOB: 26-Dec-2014  DOB: 26-Dec-		Meillard Rj Banquise Enfield Picasso Feakle Ulanda Domino Kilboy Frivole (li	mn 946
	Feakle Sonia		Mozart     Doon Penny	
Star Rating (Within Charolais breed)	Economic Indexes	€uro va	alue Index	Star rating (across all beef breeds)
****	Terminal Index	€ 128		****
***	Replacement Index  Maternal Cow Traits:  Maternal Progeny Traits:	<b>€11</b> -€70 €81	19% (V Low) 19% 19%	*
	Dairy Beef			
Star Rating (Within Charolais breed)	Key profit traits	Index Value	Trait Reliability	Star rating (across all beef breeds)
,	Expected progeny perfo		Reliability	all beel bleeds)
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+7.4%	21% (Low)	
**	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0.01 scale	22% (Low)	***
****	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+34kg	20% (Low)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+1.87 scale	18% (V Low)	****
	Expected daughter breeding	g perfor	mance	
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+4.7%		
*	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	-11.2k	g 18% (V Low)	*
****	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	-2.84d	ays 17% (V Low)	****
Additional Informati	on:		Linear compo	sites Value Reliability
			Muscle	111 20%
			Skeletal	102 20%
			Function	104   14%
Animal scored. Score	s or weaning weights NOT included in evaluati	on	Herd data qua	lity index
			N/A	

Lot 17 CLO ID: IE1819423103 Sex: Male	UGHBRACK JERRY 95 Breed: Charolais DOB: 28-Dec-2014	Twin to	Male	
Owner: Mattie Kel Breeder:	ly - Cloughbrack Newbridge Ballinasloe	Co Galway		
<b>Sire:</b> Pirate PTE	Meillard Rj		Invincible Badine	
	Banquise		Voltaire Proie	
Dam: Cloughbrack   IE181942330307	Fabienne Doonally New —		Hermes Intruse	
	Cloughbrack Venos		Indurain Cloughbrack Per	rdita
Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index	Star rating (across all beef breeds)
****	Terminal Index	€129	34% (Low)	****
****	Replacement Index	€48	<b>34%</b> (Low)	**
	Maternal Cow Traits :	-€32	34%	
	Maternal Progeny Traits :	€80	34%	
	Dairy Beef			
Star Rating (Within Charolais breed)	Key profit traits	Index Value	Trait Reliability	Star rating (across all beef breeds)
	Expected progeny perfor			,
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+8.1%	30% (Low)	
***	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0.02 scale	49% (Average)	***
****	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+34kg	39% (Low)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+1.88 scale	33% (Low)	****
	Expected daughter breeding	performai	nce	
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+5.2%	29% (Low)	
****	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	-4.4kg	33% (Low)	*
****	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	-0.89days	36% (Low)	***
Additional Informat	on:		Linear compo	sites Value Reliability
			Muscle	111 54%
			Skeletal Function	111 52% 110 31%
Animal scored. Linea	r scores and weaning weights in evaluations		Herd data qua	lity index

Lot 18 WINI ID: IE3114089305 Sex: Male	DMILL LARRY  12 Breed: Charolais  DOB: 02-Jan-2015				
Owner: Michael N Breeder:	lerney - Chapel Street Elphin Castlerea	Co Roscom	mon		
Sire: Fleetwood FWO	Sylvaner —		lgloo Jupe		
1 110	Belle		· Pinay Ulla		
<b>Dam:</b> Windmill Grad IE311408930388	ce Pirate —		Meillard Rj Banquise		
1201110000000	Windmill Casandra —		Gicomte Windmill Vangle		
Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating	g (across ef breeds)
****	Terminal Index	€133	33% (Low)	***	**
****	Replacement Index	€33	23% (Low)	**	
	Maternal Cow Traits :	-€49	19%		
	Maternal Progeny Traits :	€82	33%		
	Dairy Beef				
Star Rating (Within Charolais breed)	Key profit traits	Index Value	Trait Reliability	Star rating	g (across ef breeds)
	Expected progeny perfor	mance			
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+8.1%	34% (Low)		
**	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0 scale	44% (Average)	***	r
****	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+36kg	38% (Low)	***	**
****	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+2.19 scale	33% (Low)	***	**
	Expected daughter breeding	performar	ice		
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+5.1%	13% (V Low)		
***	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	-5.3kg	18% (V Low)	*	
***	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	+0.52days	20% (Low)	**	
Additional Informati	ion:		Linear compos	sites <u>Value</u>	Reliability
			Muscle	114	49%
			Skeletal	108	47%
			Function	100	19%
Animal scored. Linear	r scores and weaning weights in evaluations		Herd data qua	lity index	
	Broading Endoration ICRE Dec 2015		N/A		

Lot 19 GRANGWOOD LE PETITE DOR  ID: IE241054870217 Breed: Charolais  Sex: Male DOB: 05-Jan-2015						
Owner: Jerry O'Keeffe	- Woodlawn Grange Knocklong Co	Limerick				
Breeder:	: - Woodlawii Grange Knocklong Co	LITTETICK				
Brecaer.						
Sire: Goldstar Echo GHX	Texan-Gie —		Porto Marquise			
	Sheehills Ula		Doonally New Ballyboyle Nulla	(Imp 00it)		
Dam: Grangwood Dance	Enfield Picasso —	Enfield Picasso Vicomte				
			Tombola Jumper			
	└── Grangwood ── Thalassa		Milaine			
Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating all bee	(across f breeds)	
**** Te	erminal Index	€143	<b>27%</b> (Low)	***	**	
**** Re	eplacement Index	€48	<b>26%</b>	**		
	Maternal Cow Traits :	-€46	25%			
	Maternal Progeny Traits :	€93	28%			
Da	airy Beef					
Star Rating (Within Charolais breed)	Key profit traits	Index Value	Trait	Star rating		
Charcialo Brood)	Expected progeny perfor		Reliability	all bee	f breeds)	
Cal	lving difficulty (% 3 & 4)	+6.9%	29%			
	ed ave: 7.58%,All breeds ave: 4.49%		(Low)			
<b>★★★★</b> Doc Bree	cility (1-5 scale) ed ave: 0.04,All breeds ave: 0	0.08 scale	39% (Low)	***	**	
	rcass weight (kg) ed ave: 30.88kg,All breeds ave: 13.98kg	+37kg	29% (Low)	***	**	
★★★★★ Car	rcass conformation (1-15 scale) ed ave: 1.78,All breeds ave: 1.23	+2.11 scale	29% (Low)	***	**	
	Expected daughter breeding	performa	nce			
	ughter calving diff (% 3 & 4) ed ave: 5.89%,All breeds ave: 6.48%	+6.1%	18% (V Low)			
	ughter Milk (kg) ed ave: -6.06kg,All breeds ave: 2.97kg	-6.6kg	27% (Low)	*		
★★★★ Dar	ughter calving interval (days) ed ave: 0.4days,All breeds ave: -0.39days	-1.22days	33% (Low)	***	*	
Additional Information:			Linear compos	sites Value	Reliability	
			Muscle	127	28%	
			Skeletal Function	110 137	28% 19%	
			runcuon	13/	1870	
Animal scored. Linear score	res and weaning weights in evaluations		Herd data qua	lity index		

#### Lot 20 DERESKIT LANCE 793 **ID**: IE121402010793 **Breed:** Charolais DOB: 07-Jan-2015 Sex: Male Owner: Basil Bothwell - Dereskit Killeshandra Co Cavan Breeder: Sire: Roughan Callum Roughan Viceroi IE161190791159 Hautesse Nanouk Roughan Sabrina Roughan Nicola Dam: Dereskit Betty Domino Lyonsdemesne Tzar IE121402020415 Kilboy Frivole (Imp 91f) Dereskit Napoleon Dereskit Sheba Dereskit Lilly Star Rating (Within €uro value Index Star rating (across **Economic Indexes** all beef breeds) Reliability Charolais breed) per progeny €111 31% (Low) \*\*\* \*\*\*\* Terminal Index €58 25% (Low) \*\*\*\* Replacement Index \*\*\* Maternal Cow Traits: **-€** 10 23% Maternal Progeny Traits: €69 31% **Dairy Beef** Star Rating (Within Star rating (across Charolais breed) Key profit traits Expected progeny performance Calving difficulty (% 3 & 4) +7.9% 35% (Low) Breed ave: 7.58%, All breeds ave: 4.49% Docility (1-5 scale) 0.07 46% \*\*\*\* \*\*\*\* Breed ave: 0.04,All breeds ave: 0 scale (Average) Carcass weight (kg) \*\*\* 37% \*\*\*\* +32ka Breed ave: 30.88kg,All breeds ave: 13.98kg (Low) Carcass conformation (1-15 scale) \*\* +17 30% \*\*\*\* Breed ave: 1.78.All breeds ave: 1.23 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +6.8% 17% (V Low) Breed ave: 5.89%.All breeds ave: 6.48% \*\*\*\* \*\*\* Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg +3.1kg 25% (Low) $\star\star$ $\star\star$ Daughter calving interval (days) +1.22days 20% Breed ave: 0.4days, All breeds ave: -0.39days (Low) Additional Information: Linear composites Value Reliability Muscle 110 51% Skeletal 107 49% Function 101 17% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 21 DRUMCROW LARRY ID: IE121584881010 Breed: Charolais						
Sex: Male	<b>DOB:</b> 12-Jan-2015					
Owner: David Abb	oott - Woodview House Drumcrow Killes	handra Cav	an Co Cava	n		
Breeder:						
Sire: Blelack Digger S956	r Balthayock Adonis —		Balmyle Thunderbird Balthayock Peach			
	Galcantray Abbey		Bielack Montgon Bielack Rachel	nery		
<b>Dam:</b> Drumcrow Eb IE121584860737	ony Blakestown — Templier		Blakestown Seigneur 0212 Blakestown Noumea (99f)			
	Drumcrow Rosebud —		Laheens idol Loughwell Golly			
Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating all bee	(across f breeds)	
***	Terminal Index	€111	<b>31%</b> (Low)	***	*	
****	Replacement Index	€55	23% (Low)	***		
	Maternal Cow Traits :	<b>-€</b> 17	19%			
	Maternal Progeny Traits :	€72	32%			
	Dairy Beef					
Star Rating (Within Charolais breed)	Key profit traits	Index Value	Trait Reliability	Star rating	(across f breeds)	
	Expected progeny perfor	mance				
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+6%	34% (Low)			
*	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	-0.13 scale	56% (Average)	*		
***	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+32kg	35% (Low)	***	**	
**	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+1.66 scale	29% (Low)	***	**	
	Expected daughter breeding	g performa	nce			
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+6.7%	11% (V Low)			
****	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	+4.8kg	22% (Low)	***	*	
***	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	+0.29days	17% (V Low)	**		
Additional Informat	ion:		Linear compo	sites Value	Reliability	
			Muscle	99	51%	
			Skeletal	114	49%	
			Function	105	18%	
Animal scored. Linear	r scores and weaning weights in evaluations		Herd data qua	lity index		
N/A						

#### Lot 22 DERESKIT LIONHARTE **ID**: IE121402040796 Breed: Charolais DOB: 21-Jan-2015 Sex: Male Owner: Basil Bothwell - Dereskit Killeshandra Co Cavan Breeder: Sire: Utrillo Mic Senior Datte **URO** Calembour 5887107559 Ficelle Orpheline Berlioz Dam: Dereskit Gay Et Major IE121402090628 Charmille Meillard Ri Dereskit Rosetta Dereskit Nicola Star Rating (Within Star rating (across €uro value Index **Economic Indexes** per progeny Reliability all beef breeds) Charolais breed) €135 29% \*\*\*\* \*\*\*\* Terminal Index (Low) €50 23% (Low) Replacement Index \*\* Maternal Cow Traits: **-€25** 20% Maternal Progeny Traits: €76 30% **Dairy Beef** Star Rating (Within Star rating (across all beef breeds) Charolais breed) Key profit traits Expected progeny performance Calving difficulty (% 3 & 4) +11.7% 34% (Low) Breed ave: 7.58%, All breeds ave: 4.49% Docility (1-5 scale) 44% 0.14 \*\*\*\* \*\*\*\* Breed ave: 0.04,All breeds ave: 0 scale (Average) Carcass weight (kg) 34% \*\*\*\* \*\*\*\* +48ka Breed ave: 30.88kg,All breeds ave: 13.98kg (Low) Carcass conformation (1-15 scale) +2 08 29% \*\*\*\* \*\*\*\* Breed ave: 1.78.All breeds ave: 1.23 scale (Low) Expected daughter breeding performance Daughter calving diff (% 3 & 4) +5% 15% (V Low) Breed ave: 5.89%. All breeds ave: 6.48% \*\*\*\* \*\* Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg +0.2kg 26% (Low) $\star\star$ \* Daughter calving interval (days) +1.84days 15% Breed ave: 0.4days, All breeds ave: -0.39days (V Low) Additional Information: Linear composites Value Reliability Muscle 121 51% Skeletal 129 49% Function 95 21% Herd data quality index Animal scored. Linear scores and weaning weights in evaluations N/A

Lot 23 DRUMCROW LANCE ID: IE121584841015 Breed: Charolais					
Sex: Male	<b>DOB:</b> 30-Jan-2015				
Owner: David Abb	oott - Woodview House Drumcrow Killes	handra Cav	an Co Cava	n	
Breeder:					
Sire: Roughan Callu IE161190791159	um Roughan Viceroi —		Ronsard Hautesse		
	Roughan Sabrina	Nanouk Roughan Nicola			
<b>Dam:</b> Drumcrow Ta IE121584820361	nya Doonally New —		Hermes Intruse		
	Drumcrow Matilda —		Laheens Idol Oldstone (Imp.'8	•	
Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating all beef	(across breeds)
****	Terminal Index	€130	<b>31%</b> (Low)	***	**
***	Replacement Index	€15	<b>26%</b> (Low)	*	
	Maternal Cow Traits :	-€ 66	23%		
	Maternal Progeny Traits :	€81	32%		
	Dairy Beef				
Star Rating (Within Charolais breed)	Key profit traits	Index Value	Trait Reliability	Star rating all beef	(across
	Expected progeny perfor	mance	,		
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+8.4%	33% (Low)		
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0.18 scale	44% (Average)	***	**
****	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+36kg	36% (Low)	***	**
****	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+1.85 scale	30% (Low)	***	**
	Expected daughter breeding	g performar	nce		
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+6.7%	17% (V Low)		
****	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	-1.3kg	27% (Low)	*	
*	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	+4.64days	20% (Low)	*	
Additional Informat	ion:		Linear compo	sites Value F	Reliability
			Muscle		43%
			Skeletal Function		42%
					19%
Animal scored. Linear	r scores and weaning weights in evaluations		Herd data qua	lity index	
N/A					

Lot 24 KAR ID: IE1822166406 Sex: Male	OOLA LANCE 34 Breed: Charolais DOB: 16-Feb-2015			
	Connor - Turlough Bellharbour Co Clar			
Breeder: Tony Bra	ady - Feaghmore Eyrecourt Ballinasloe	Co Galway		
Sire: Doncamillo DWF	Tapaloeil —		Poum Odyssee	
	Oriflamme		Jongleur Hermine	
Dam: Calla Felisity IE182068030618	Mulroog Viacom — (Et)		P.T.I Prince Mulroog Sunrise	
	Calla Ursula —		Corloughan Ivan Rathbane (Awm)	ı
Star Rating (Within Charolais breed)	Economic Indexes	€uro valu per progen	e Index	Star rating (across all beef breeds)
**	Terminal Index	€107	<b>29%</b> (Low)	***
****	Replacement Index	€37	<b>22%</b> (Low)	**
	Maternal Cow Traits:	<b>-€</b> 28	19%	
	Maternal Progeny Traits :	€65	31%	
	Dairy Beef			
Star Rating (Within Charolais breed)	Key profit traits	Index Value	Trait Reliability	Star rating (across all beef breeds)
	Expected progeny perfor	mance		
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+8%	37% (Low)	
***	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	scale	(Low)	***
***	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+32kg	30% (Low)	****
****	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+1.97 scale	29% (Low)	****
	Expected daughter breeding	performa	ance	
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+3.9%	16% (V Low)	
****	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	-4.3kg	24% (Low)	*
***	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	+0.13day	/s 17% (V Low)	***
Additional Informati	ion:		Linear compo	sites Value Reliability
			Muscle	
			Skeletal	
Animal not scored.			Herd data qua	lity index

Lot 25 WINI ID: IE3114089705 Sex: Male	DMILL LIAM 16 Breed: Charolais DOB: 17-Feb-2015				
Owner: Michael N	lerney - Chapel Street Elphin Castlerea	Co Roscom	mon		
Breeder:					
Olara Florida da I	otused Dulueses Igloo				
Sire: Fleetwood FWO	Sylvaner —		Jupe		
	Belle		Pinay Ulla		
Dam: Windmill Gwe	n Planta		Meillard Ri		
IE311408960399	Pirate —		Banquise		
	Windmill Cinderella —		Indurain Shankhili (Brh) \	/ictoria	
Star Rating (Within	Economic Indexes	€uro value per progeny	Index Reliability	Star rating	g (across of breeds)
Charolais breed)	Terminal Index	€ 135	33% (Low)	***	
****	Replacement Index	€33	23% (Low)	**	
	Maternal Cow Traits :	<b>-€</b> 52	(Low) 19%		
	Maternal Progeny Traits :	€86	33%		
	Dairy Beef				
Star Rating (Within Charolais breed)	Key profit traits	Index	Trait Reliability	Star rating	g (across of breeds)
	Expected progeny perfor	Value mance	Reliability	all Dec	er breeds)
	Calving difficulty (% 3 & 4)	+7.1%	34%		
	Breed ave: 7.58%,All breeds ave: 4.49%		(Low)		
*	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	-0.25 scale	44% (Average)	*	
****	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+36kg	38% (Low)	***	**
****	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+2.12 scale	33% (Low)	***	**
	Expected daughter breeding	g performar	ice		
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+5.6%	13% (V Low)		
****	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	-4.6kg	18% (V Low)	*	
***	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	+0.41days	20% (Low)	**	
Additional Informati			Linear compos	sites Value	Reliability
			Muscle	107	49%
			Skeletal	111	47%
			Function	104	19%
			Herd data qua	lity index	
Animal scored. Linear	r scores and weaning weights in evaluations		N/A		
Converiant Iriah Cattle	Broading Federation ICRE Dec 2015				

Lot 26 WESTERN LORETTO           ID: IE181306130324         Breed: Charolais           Sex: Male         DOB: 18-Feb-2015					
Owner: Joe Cland	cy - Gortreevagh Oughterard Co Galway	,			
Breeder:					
Sire: Vosgien Vf	Orient —		Grimaldi		
VVF		Hutte			
	Legion		Illimite Hollande		
Dam: Western Gala	axy Sesame —		Picador		
IE181306120265		Nefle			
	Western Treasure —		Jumper Inchincummer H	lilda	
Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating	g (across ef breeds)
**	Terminal Index	€104	23% (Low)	***	
****	Replacement Index	€95	18% (V Low)	***	*
	Maternal Cow Traits :	€24	16%		
	Maternal Progeny Traits :	€71	23%		
	Dairy Beef				
Star Rating (Within Charolais breed)	Key profit traits	Index Value	Trait Reliability	Star rating	g (across of breeds)
	Expected progeny performance		rtonability	an bo	or broode,
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+5%	26% (Low)		
****	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0.07 scale	40% (Average)	***	*
***	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+31kg	29% (Low)	***	**
*	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+1.31 scale	24% (Low)	***	7
	Expected daughter breeding	g performar	nce		
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+5%	9% (V Low)		
****	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	+2.2kg	22% (Low)	***	7
****	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	-0.74days	13% (V Low)	***	7
Additional Informat	ion:		Linear compo	sites Value	Reliability
			Muscle	104	42%
			Skeletal	111	40%
			Function	103	11%
Animal scored Lines	r scores and weaning weights in evaluations		Herd data qua	lity index	
			N/A		
Conveight Irich Cattle	Recoding Federation ICRE Dec 2015				

Lot 27 WESTERN LEDGENT           ID: IE181306140325         Breed: Charolais           Sex: Male         DOB: 20-Feb-2015									
Owner: Joe Clanc Breeder:	y - Gortreevagh C	oughterard Co Galway							
Sire: Elgin Davinci ECZ		Tyrol —	[		Rio Japonaise				
		Elgin Ultra			Rumsden Samui Elgin Renee	ai			
Dam: Western Fidel IE181306110248	ma	Meillard Rj —			Invincible Badine				
		Western Tara —			Hermes Inchincummer H	enrietta			
Star Rating (Within Charolais breed)	Econom	ic Indexes	€uro v per pro		Index Reliability			(across f breeds)	
**	Terminal In	dex	€ 108	3	<b>23%</b> (Low)	**	*	*	
**	Replaceme	nt Index	-€7		<b>20%</b> (Low)	*			
		aternal Cow Traits :			19%				
		Progeny Traits :	€63		23%				
Star Rating (Within	Dairy Beef	_					_		
Charolais breed)	Key pro	fit traits	Inde: Value		Trait Reliability	Star ra all	ting bee	(across f breeds)	
	Expe	ected progeny perfo	mance						
	Calving difficulty Breed ave: 7.58%,	(% 3 & 4) all breeds ave: 4.49%	+9.1%	, 0	28% (Low)				
****	Docility (1-5 sca Breed ave: 0.04,All		0.06 scale		43% (Average)	**	*	*	
****	Carcass weight Breed ave: 30.88kg	(kg) ,All breeds ave: 13.98kg	+38kg	)	26% (Low)	**	*	**	
****	Carcass conforn Breed ave: 1.78,All	nation (1-15 scale) breeds ave: 1.23	+1.82 scale		19% (V Low)	**	*	**	
	Expect	ed daughter breeding	g perfoi	mar	nce				
	Daughter calving Breed ave: 5.89%,	g diff (% 3 & 4) Ill breeds ave: 6.48%	+6%		10% (V Low)				
***	Daughter Milk (k Breed ave: -6.06kg	g) All breeds ave: 2.97kg	-6.7kg	9	15% (V Low)	*			
**	Daughter calving Breed ave: 0.4days	g interval (days) ,All breeds ave: -0.39days	+1.17	days	26% (Low)	**			
Additional Informati	on:				Linear compo	sites Va	lue	Reliability	
					Muscle	10		46%	
					Skeletal Function	11		44% 15%	
				ļ				1070	
Animal scored. Linear	scores and weaning	weights in evaluations			Herd data qua	lity index			

Lot 28 WINI ID: IE3114089105 Sex: Male							
Owner: Michael N Breeder:	lerney - Chapel Street Elphin Castlerea	Co Roscom	mon				
Sire: Cavelands Fe	nian Noaille —		Eddy Janina				
Cavelands Carena			Indurain Cavelands Ulricka				
<b>Dam:</b> Windmill Gyp: IE311408910394	Valois Angele						
	Windmill Bonnie —		Bova Sylvain Shankhill Saffroi	1			
Star Rating (Within Charolais breed)	Economic Indexes	€uro value per progeny	Index Reliability	Star rating	g (across ef breeds)		
***	Terminal Index	€111	33% (Low)	***	*		
****	Replacement Index	€57	<b>23%</b> (Low)	***			
	Maternal Cow Traits:	<b>-€</b> 13	19%				
	Maternal Progeny Traits :	€70	33%				
	Dairy Beef						
Star Rating (Within Charolais breed)	Key profit traits	Index Value	Trait Reliability	Star rating	g (across ef breeds)		
	Expected progeny perform	mance					
	Calving difficulty (% 3 & 4) Breed ave: 7.58%,All breeds ave: 4.49%	+7%	34% (Low)				
***	Docility (1-5 scale) Breed ave: 0.04,All breeds ave: 0	0.02 scale	43% (Average)	***	7		
***	Carcass weight (kg) Breed ave: 30.88kg,All breeds ave: 13.98kg	+30kg	37% (Low)	***	**		
***	Carcass conformation (1-15 scale) Breed ave: 1.78,All breeds ave: 1.23	+1.74 scale	32% (Low)	***	**		
	Expected daughter breeding	g performa	nce				
	Daughter calving diff (% 3 & 4) Breed ave: 5.89%,All breeds ave: 6.48%	+6.1%	13% (V Low)				
****	Daughter Milk (kg) Breed ave: -6.06kg,All breeds ave: 2.97kg	-2.6kg	17% (V Low)	*			
****	Daughter calving interval (days) Breed ave: 0.4days,All breeds ave: -0.39days	-0.4days	20% (Low)	***			
Additional Informati	ion:		Linear compo	sites Value	Reliability		
			Muscle	108	49%		
		Skeletal	107	47%			
			Function	102	20%		
Animal scored. Linea	r scores and weaning weights in evaluations		Herd data qua	lity index			
	a Broading Federation ICRF Dec 2015		IVA				

Lot 29 GRANGWOOD LIMERICK           ID: IE241054880218         Breed: Charolais           Sex: Male         DOB: 28-Mar-2015							
Owner: Jerry O'Ke	eeffe - Woodl	lawn G	range Knocklong Co	Limerio	ck		
Breeder:							
Sire: Pirate PTE		— 1	Meillard Rj —	[	_	Invincible Badine	
			Banquise			Voltaire Proie	
<b>Dam:</b> Grangwood DIE241054840131	arling	— 1	Lyonsdemesne Tzar —	[	_	Domino Kilboy Frivole (Ir	np 91f)
			Grangwood — Uniflamme		_	Dovea Pinocchic Grangwood (Imp	
Star Rating (Within Charolais breed)	Ecc		Indexes	€uro v per pro		Index Reliability	Star rating (across all beef breeds)
****	Termina	ıl Ind	ex	€ 132	2	31% (Low)	****
****	Replace	men	t Index	€57		33% (Low)	***
	Mate	ernal Co	ow Traits :	-€ 24		33%	
			rogeny Traits :	€81		32%	
	Dairy Be	eef					
Star Rating (Within Charolais breed)	Ke	ey profi	t traits	Index Value		Trait Reliability	Star rating (across all beef breeds)
		Exped	cted progeny perfor			,	
	Calving diffi Breed ave: 7.5		% 3 & 4) breeds ave: 4.49%	+8.3%	6	34% (Low)	
***	Docility (1-5 Breed ave: 0.0	5 scale 04,All bi	) reeds ave: 0	scale		(Low)	****
****	Carcass we Breed ave: 30	٠ ،	g) Ill breeds ave: 13.98kg	+38kg	9	33% (Low)	****
****			ation (1-15 scale) reeds ave: 1.23	+1.9 scale		30% (Low)	****
	Ex	pected	d daughter breeding	perfo	rma	nce	
			diff (% 3 & 4) breeds ave: 6.48%	+4.4%	6	29% (Low)	
**	Daughter M Breed ave: -6.		) Il breeds ave: 2.97kg	-7.3kg	3	35% (Low)	*
****			interval (days) Ill breeds ave: -0.39days	-4.170	days	35% (Low)	****
Additional Informat	ion:					Linear compos	sites Value Reliability
						Muscle	
						Skeletal	
Animal not scored.						Herd data qua	lity index

## AFTER PURCHASE CARE OF YOUNG STOCK BULLS

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

## Immediate Aftercare

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

#### **Health Issues**

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

## **Nutritional Requirements**

- Whilst it may be desirable to reduce the level of fleshing on some young bulls it is important
  to appreciate they are still rapidly growing and have a higher nutritional requirement than
  other cattle of similar weight, especially during the breeding season.
- The plane of nutrition must support reproductive performance.
- Target condition score 2.5-3.0
- Young bulls on poor pasture may need supplementation.
- Note: Mineral/ Vitamin deficiency will reduce fertility.
- In the months before the breeding season assess condition and general health status and act accordingly.
- During the breeding season supplement if necessary.
- After the breeding season, some bulls may need supplementation to replenish reserves, repair the body and get ready for a new season especially where there are two calving periods (Spring and Autumn).

## **General Management**

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

#### **Bull Power Guide**

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

Bull Age	Number of Cows
Yearling	15-20
2 Year Old	20-30
3 Year Old	30-40

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