HerdPlus®
Profit through Science

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Beef HerdPlus
User Guide

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AgTech - It's in Our DNA

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Welcome

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This Welcome Pack is aimed at helping you make full use of your HerdPlus membership. The HerdPlus service will provide you with essential breeding and management tools to maximise profitability within your farming enterprise.

For more information on the HerdPlus services, please follow the headings below:

To familarise yourself with the various indexes and genomics, read the first four sections of this brochure.

HerdPlus Membership	Fee
Beef HerdPlus	**€60 per year (incl. VAT)**

Sean Larkin, Co. Galway

"For myself the HerdPlus service is so convenient. Of course, I would recommend it without a doubt! It shows me where the herd is currently at and paves a path to aim for going forward. I like using the HerdPlus service as all the information is at your fingertips. The live profiles are very convenient as the information is always up to date when you need it. In my opinion, every farmer should be in HerdPlus and I would recommend it to farmers to put it at the forefront of their breeding decisions."

Understanding €uro-stars

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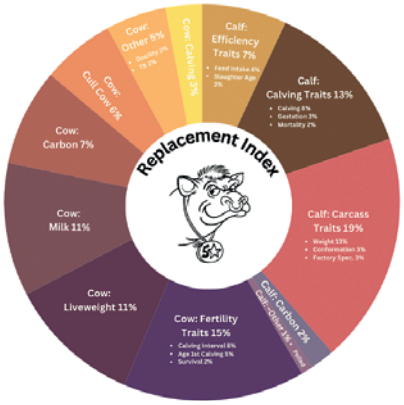
What are €uro-stars?

The €uro-star index is designed to aid in the selection of more profitable breeding animals for the suckler herd. This gives farmers more information to select better males and females to breed for either Replacement or Terminal traits.

The €uro-star Index is made up of two sub-indexes; Replacement and Terminal Index.

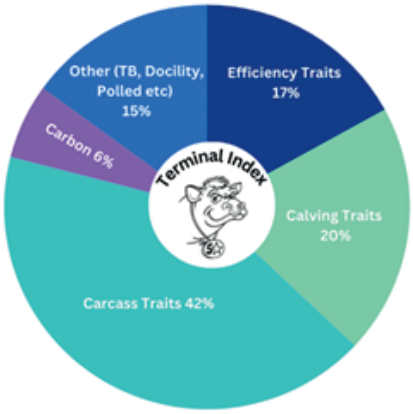
Replacement Index



The Replacement Index looks at the maternal traits such as milk and fertility, whilst maintaining the traits needed to produce weanlings. Suckler farmers aiming to breed replacement heifers should focus on the Replacement Index. Calf traits account for 41% of the overall replacement index while the cow's traits contribute to 59% of the index.

Terminal Index

The Terminal Index looks at the beef traits of an animal such as carcass weight and conformation. Farmers wanting to breed animals for slaughter or sale as weanlings should focus on the Terminal Index.



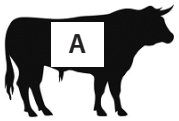
The €uro-star rating system was designed to make it easier for farmers to understand with 1 star animals being in the bottom 20% and 5 star animals being in the top 20%.

	€uro-star Rankings	
★★★★★	**5 Stars**	*Index Value is in top 20% of all animals*
★★★★	**4 Stars**	*Index Value is in top 40% of all animals*
★★★	**3 Stars**	*Average Index Value*
★★	**2 Stars**	*Index Value is in bottom 40% of all animals*
★	**1 Star**	*Index Value is in bottom 20% of all animals*

Top Tip! Improve the accuracy of your cows Replacement Index by recording cow liveweights and calf weaning weights.

Understanding €uro-stars

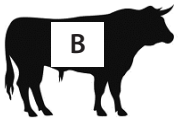
Farmers should look at the within breed stars or across breed stars as well as the individual traits of importance for their herd. Within breed stars rank an animal against other animals of the same breed, while across breed stars rank an animal against other animals across all beef breeds. It is important to look at the individual traits that make up an animal's overall index, such as carcass weight or daughter calving interval. For example, the two bulls below are both 5 stars on the Replacement Index, but the traits that make it up are different. The main difference between these bulls is the carcass weight trait. Bull B's carcass weight PTA is around 18kgs lighter than Bull A's. Bull A's PTA for docility is 5 stars compared to Bull B at 3 stars. This suggests that Bull A's progeny on average will be much quieter than Bull B's. Age at finish is another trait that varies between these two bulls. The difference in age at finish is -3.21 days, therefore the progeny of Bull B should on average have an earlier age at finish over Bull A. This demonstrates that animals can have the same Replacement/ Terminal Index value but the individual traits that contribute to the overall index can vary.



Star Rating (within Angus breed)	Economic Indexes	Purpose	€uro value	Index reliability	Star Rating (across all beef breeds)
★★★★★	Replacement (per daughter lactation)	To breed future cows for the suckler herd	€172	53% (Average)	★★★★★
★★★☆☆	Terminal	To breed beef animals from the suckler herd that are destined for finishing	€81	67% (High)	★★★☆☆
★★★★★	Dairy Beef	To breed beef animals from the dairy herd that are destined for finishing	€144	66% (High)	★★★★★

Calving Difficulty (births requring considerable assistance; % 3 & 4)		
When Mated With:	Value	Reliability
Beef Heifers Breed avg: 4.76%, All breeds avg: 7.84%	7.4%	49% (Average)
Beef Cows Breed avg: 1.96%, All breeds avg: 3.75%	3.8%	70% (High)

Star Rating (within Angus breed)	Key profit traits	Index value	Trait reliability	Star Rating (across all beef breeds)
Expected progeny performance				
★★★★★	Gestation (days) Breed avg: -0.47, All breeds avg: 2.50	-3.22 days	61% (High)	★★★★★
★★★★★	Docility (1-5 scale) Breed avg: 0.01, All breeds avg: 0.02	0.07 scale	41% (Average)	★★★★☆
★★★☆☆	Age at finish (days) Breed avg: -14.10, All breeds avg: -1.47	-14.06 days	72% (High)	★★★★★
★★★☆☆	Carcass weight (kg) Breed avg: 7.43kg, All breeds avg: 18.18kg	6.1kg	79% (High)	★☆☆☆☆
★★★★☆	Carcass conformation (1-15 scale) Breed avg: 0.73, All breeds avg: 1.50	0.78 scale	74% (High)	★☆☆☆☆
Expected daughter breeding performance				
	Daughter calving difficulty (% 3 & 4) Breed avg: 6.11%, All breeds avg: 4.90%	5.66%	65% (High)	
★★★★☆	Daughter milk (kg) Breed avg: 6.05kg, All breeds avg: 2.79kg	8.40kg	36% (Low)	★★★★★



Star Rating (within Angus breed)	Economic Indexes	Purpose	€uro value	Index reliability	Star Rating (across all beef breeds)
★★★★★	Replacement (per daughter lactation)	To breed future cows for the suckler herd	€172	38% (Low)	★★★★★
★★★★★	Terminal	To breed beef animals from the suckler herd that are destined for finishing	€143	41% (Average)	★★★★★
★★★★★	Dairy Beef	To breed beef animals from the dairy herd that are destined for finishing	€183	40% (Average)	★★★★★

Calving Difficulty (births requring considerable assistance; % 3 & 4)		
When Mated With:	Value	Reliability
Beef Heifers Breed avg: 4.76%, All breeds avg: 7.84%	4.2%	44% (Average)
Beef Cows Breed avg: 1.96%, All breeds avg: 3.75%	1.7%	58% (Average)

Star Rating (within Angus breed)	Key profit traits	Index value	Trait reliability	Star Rating (across all beef breeds)
Expected progeny performance				
★★★★★	Gestation (days) Breed avg: -0.47, All breeds avg: 2.50	-2.65 days	41% (Average)	★★★★★
★★★☆☆	Docility (1-5 scale) Breed avg: 0.01, All breeds avg: 0.02	0.01 scale	31% (Low)	★★★☆☆
★★★★★	Age at finish (days) Breed avg: -14.10, All breeds avg: -1.47	-17.27 days	55% (Average)	★★★★★
★★★★★	Carcass weight (kg) Breed avg: 7.43kg, All breeds avg: 18.18kg	24.2kg	38% (Low)	★★★★☆
★★★★★	Carcass conformation (1-15 scale) Breed avg: 0.73, All breeds avg: 1.50	0.98 scale	34% (Low)	★★☆☆☆
Expected daughter breeding performance				
	Daughter calving difficulty (% 3 & 4) Breed avg: 6.11%, All breeds avg: 4.90%	6.07%	55% (Average)	
★★★★★	Daughter milk (kg)	13.10kg	37%	★★★★★

Why does my animal not have a €uro-star rating?

Change current sentence to – The most common reason for a €uro-star rating not to be displayed on an animal is generally because the sire may not be recorded. You can record this online or on the HerdPlus app through **Record Events > Missing Sire**

Why do €uro-stars change?

ICBF has a large database which receives information about animals on a daily basis. Data such as calving surveys, weights, carcass records and death dates are sent to ICBF from farmers, weight recorders, linear scorers, marts & factories, etc.

ICBF takes all of this information and runs it through its genetic evaluation system which takes place every two months. The new information that will have gone into the ICBF database since the previous run is then reflected in a change to the €uro-Stars of animals connected to that data. For instance, if Bull A, a full brother to Bull B, is found to have difficult calvings in another herd, this will influence Bull B's calving difficulty star rating. Therefore, it is important to remember that a bull's €uro-Star rating is not solely determined by the progeny he sires on a specific farm but all his recorded relatives in other herds to varying degrees.

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What is Genomics?

Genomics is breeding using DNA (Genotype) combined with performance data on an animal and it's relatives to help better predict how an animal will perform in the future. DNA is passed from parents to offspring and is therefore central to breeding. It can be extracted from tissue, hair follicles, blood or semen samples. DNA is the building block of life and in combination with management such as feeding, can determine the performance of an animal such as how much milk it will yield, its susceptibility to disease and its fertility performance.

What are the Benefits of Genomics?

Genotyping an animal and having access to its genomic results has huge benefits for the herdowner.

- **Higher €uro-star index reliability** – Greatly increases index reliability for younger animals.
- **Parentage verification** – Genotyping can find and confirm the sire & dam of an animal.
- **Major genes** – Animals can be identified as carriers of major genes (i.e. Myostatin, polledness, etc.) and genetic diseases.
- **Full traceability** – Ensures traceability of a sample back to the animal it originated from.

Genotypes can be ordered online by logging into HerdPlus through the Genomic Services portal or by calling 023 8820452.

The Status will update regularly
so you can see what stage the sample is currently at.

Animal Number | Sex | Breed | Sample | Start Date | End Date | Status

Animal Number	Date of Birth	Sex	Breed	Death Date	Sample	Status Date	Status
12867					EARTAG	27-JAN-25	IN LAB
2868					EARTAG	27-JAN-25	IN LAB
32869					EARTAG	27-JAN-25	IN LAB
12870					EARTAG	27-JAN-25	IN LAB
92871					EARTAG	27-JAN-25	IN LAB
82865	15-JAN-25	F	HO		EARTAG	27-JAN-25	IN LAB
192866					EARTAG	27-JAN-25	IN LAB
12862					EARTAG	21-JAN-25	SENT TO DAFM
12859	08-JAN-25	F	HO		EARTAG	23-JAN-25	BLUECARD ISSUED
12860	10-JAN-25	F	HO		EARTAG	23-JAN-25	BLUECARD ISSUED
2861	10-JAN-25	F	HO		EARTAG	23-JAN-25	BLUECARD ISSUED
62863	13-JAN-25	M	HO		EARTAG	23-JAN-25	BLUECARD ISSUED
72856	01-JAN-25	F	HO		EARTAG	23-JAN-25	BLUECARD ISSUED
72864	13-JAN-25	F	HO		EARTAG	23-JAN-25	BLUECARD ISSUED
82857	01-JAN-25	F	HO		EARTAG	23-JAN-25	BLUECARD ISSUED
92858	07-JAN-25	F	HO		EARTAG	25-JAN-25	BLUECARD ISSUED
12723	02-FEB-24	M	AA		EARTAG		SAMPLE ERROR
72823	28-SEP-24	M	HO		EARTAG	09-OCT-24	SAMPLE ERROR
12703	02-JAN-24	F	SP		HAIR	31-JAN-24	GENOTYPED
32852	01-DEC-24	F	HO	02-DEC-24	EARTAG	08-JAN-25	GENOTYPED
12710	21-JAN-24	F	AA		EARTAG		GENOMIC EVALUATION
12719	30-JAN-24	F	HO	18-APR-24	EARTAG		GENOMIC EVALUATION
12727	07-FEB-24	F	HO		EARTAG		GENOMIC EVALUATION

Top Tip! Download our Free HerdPlus App to view your live profiles on the go.

Commercial Beef Value (CBV)

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What is CBV?

The Commercial Beef Value (CBV) is a tool for non-breeding beef farmers designed to give an insight into an animal's genetic merit for beef traits. Like the Replacement and Terminal Indexes, the CBV is expressed as a € value. The beef genetic merit of an animal with a higher CBV € value will be superior.

The animals that will receive CBVs are sucklers, dairy x beef and dairy x dairy. Calved females, dairy females and pedigree beef males & females will not receive a CBV.

Only animals that are genotyped will have their CBV value displayed on Mart boards.

CBV is comprised of five traits from the Terminal Index that are important to non-breeding beef enterprises:

1. **Carcass weight**
2. **Carcass conformation**
3. **Carcass fat**
4. **Docility**
5. **Feed intake**

Calving traits are not included in the CBV as they are not applicable to farmers purchasing these animals.

CBV in action

When trading beef animals, farmers are generally reliant on a liveweight and their own visual assessment of an animal to make a decision on its value. These can be good indicators of an animal's genetic potential, but may not give the complete picture. As the example below demonstrates, there can often be instances of animals with similar liveweights and visual appearances but with significant differences in their genetic merit. Table 1 contains details of two young bulls on Tullamore Farm that are similar in appearance and liveweight but with very different CBVs.

Tag	Breed	CBV	Age Slaughter	Carcass Weight	Conf	Fat	Price
455	CH x LM	€310	15.6	444	U=	2=	€2,398
433	CH x HE	€240	15.5	380	R=	3=	€2,204

Table 1. *Details of two young bulls (below) on Tullamore Farm.*

455

433

In this instance, animal number 455 has a much higher CBV due to its superior genetics. This resulted in a heavier kill out of 64kg and better price of €194 which is an extra €3/kg, but also a potential saving on feed costs as feed intake is a trait that is factored into the CBV.

Summary

Whether it be dairy male calves at 3 weeks old, or continental suckler steers at 18 months old, having genetic information to hand when making sale or purchasing decisions is vital for farmers. The analysis has shown that the CBV is predicting animals that ultimately have higher carcass performance. This allows farmers to incorporate the CBV into their sale or purchasing decisions with confidence.

Dairy Beef Index (DBI)

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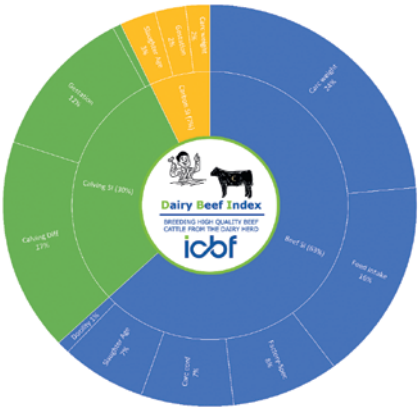
Understanding the Dairy Beef Index

The DBI index is a tool to produce quality beef cattle from the dairy herd that hold both desirable calving attributes for dairy animals (i.e. easy calving) and valuable carcass attributes for beef finishing. It does this by ranking beef cattle for use in the dairy herd based on their genetic merit for several traits of importance to dairy-beef production systems.

What does the DBI select for?

- Easy calving, short gestation and lower calf mortality.
- Better conformation and lower fat score carcasses.
- Polledness, carbon efficiency and lower feed intake values.



Advice for pedigree beef breeders

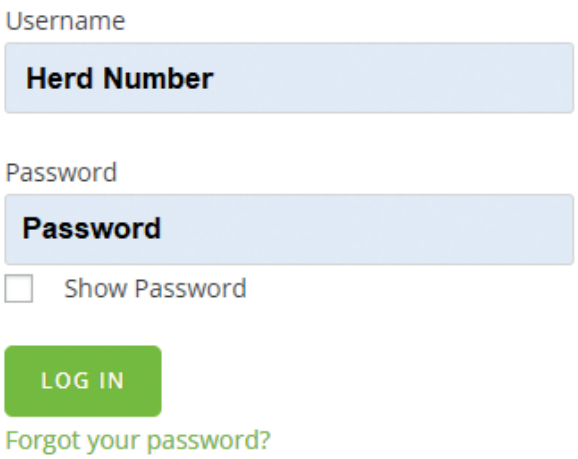
Use the DBI to identity breeding males and females to produce beef bulls for the dairy herd. The DBI of each animal in your herd can be viewed under the €uro-star profile or on the ICBF Animal Search.

Click the toggle to view more information on the DBI of an animal including calving sub-index and beef sub-index

Logging In

Follow the steps below to access your HerdPlus account:

1. Go to www.icbf.com
2. Click Log In
3. Enter your herd number and password in the fields provided
4. Click Log In
5. Click **Forgot your password?** to retrieve your password OR Text the word PASS to 0894577663 from the mobile registered to your herd to receive a temporary password.



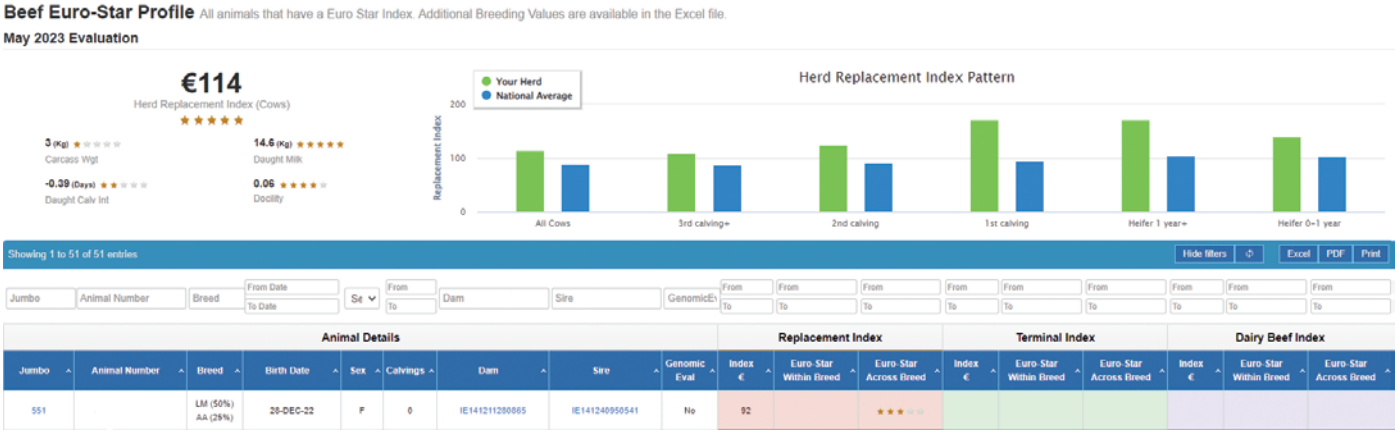
Top Tip! Make sure your contact details are correct in the "Herd Info" screen located under the "Admin" option on the Home Page

View Profiles

Beef €uro-star Profile

View the current €uro-star ratings for each of your animals on the live €uro-star profile on the **ICBF HerdPlus app or at ICBF.com**.

- Compare your herds average Replacement Index against the National Average.
- Download and print this profile in **Excel** or **PDF** format.
- **Filter** your list to fit your search criteria (i.e. age).
- Click on a column heading to **sort** your list.
- Click on the full tag number to view more information including Fertility, Progeny and Genomic Evaluation



CBV Profile

View the CBV € value for each of your eligible animals.

Compare your animals on the star ranking across breed or within breed type.

A figure in black is more desirable for a particular trait. This may be a positive or negative figure depending on the specific trait.

Jumbo	Animal Number	Breed	Birth Date	Sex	Dam	Sire	Genomic Eval	Sire Verified	Breed Type	Value €	Star Ranking (Across Breed)	Star Ranking (Within Breed Type)	Carcass Weight (kg)	Carcass Conformation (1-15 scale)	Carcass Fat (1-15 scale)	Age at Slaughter (days)	Feed Intake (kg DM/day)	Docility (1-5 scale)
		HO (66%), FR (25%)	22-FEB-22	M			N	N	Dairy x Dairy	-2	★☆☆☆☆	★★★★☆	-3.7	-0.53	-0.11	2	0.12	0
		LM (50%), AA (25%)	12-MAY-23	M			N	N	Suckler	260	★★★★★	★★★☆☆	21.9	0.92	0.01	-7	-0.02	0.04

Animals with good carcass traits, docility and feed intake values will have the highest CBVs. These traits can be assessed in the €uro-star Terminal Index of your breeding animals. Higher € values for these traits in the €uro-star indexes will result in higher progeny CBVs.

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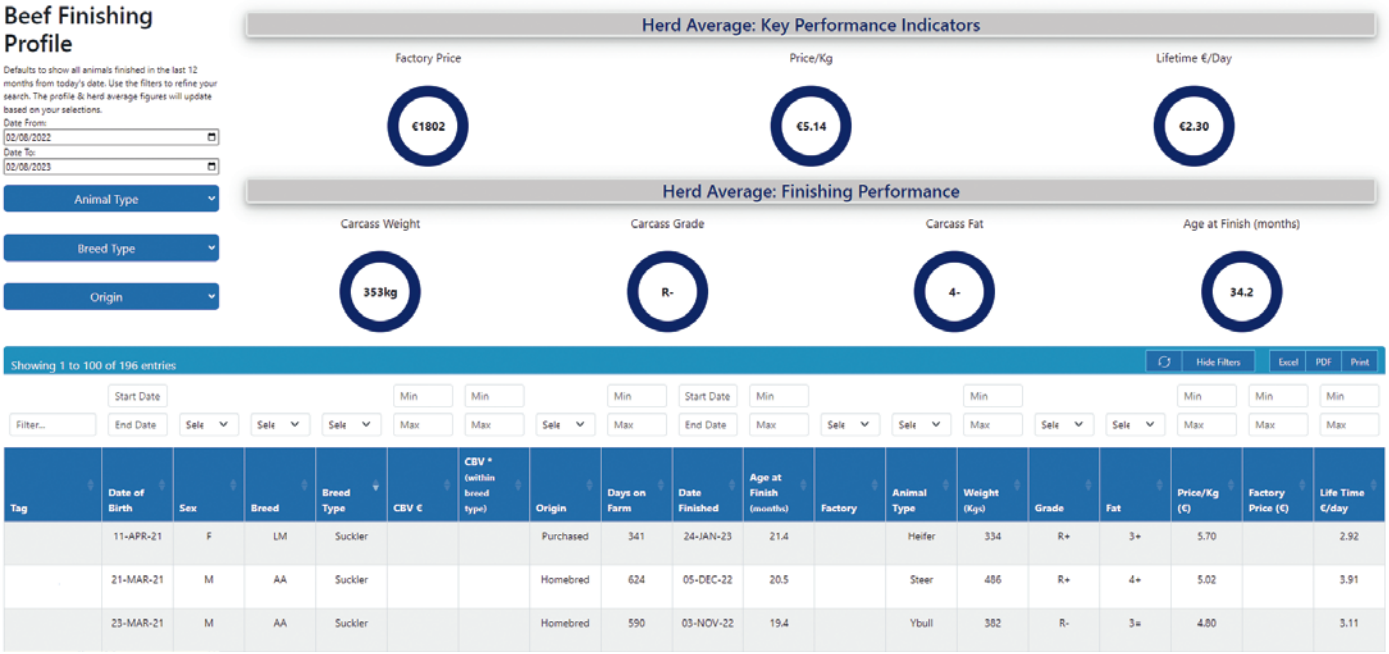
View Profiles

Beef Finishing Profile (New)

View the finishing performance at both herd level and on an individual animal basis.

- Download and print this profile in **Excel** or **PDF** format.
- Key Performance Indicators (KPI's) can also be monitored through this profile.
- This interactive profile enables you to filter by;

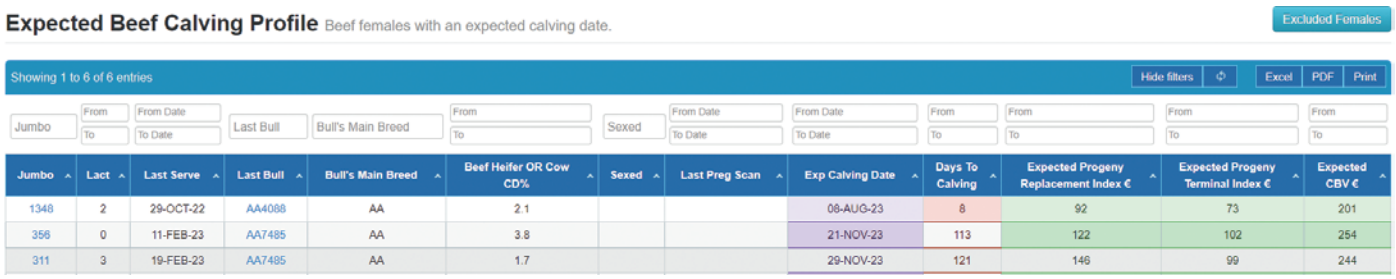
1. Finishing period.
2. Animal Type – Heifers, steers, bulls, etc.
3. Breed Type – Suckler, Dairy x Dairy or Dairy x Beef.
4. Origin – Homebred or purchased.



Tag	Date of Birth	Sex	Breed	Breed Type	CBV €	CBV * (within breed type)	Origin	Days on Farm	Date Finished	Age at Finish (months)	Factory	Animal Type	Weight (Kgs)	Grade	Fat	Price/Kg (€)	Factory Price (€)	Life Time €/day
	11-APR-21	F	LM	Suckler			Purchased	341	24-JAN-23	21.4		Heifer	334	R+	3+	5.70		2.92
	21-MAR-21	M	AA	Suckler			Homebred	624	05-DEC-22	20.5		Steer	486	R+	4+	5.02		3.91
	23-MAR-21	M	AA	Suckler			Homebred	590	03-NOV-22	19.4		Ybull	382	R-	3=	4.80		3.11

Expected Calving Profile

See the expected calving dates for your herd based on insemination data recorded and the predicted €uro-star value of the calf in both the Replacement and Terminal Indexes. The expected calving can be found under **View Profiles > Expected Calving or on the ICBF HerdPlus App**.



Jumbo	Lact	Last Serve	Last Bull	Bull's Main Breed	Beef Heifer OR Cow CD%	Sexed	Last Preg Scan	Exp Calving Date	Days To Calving	Expected Progeny Replacement Index €	Expected Progeny Terminal Index €	Expected CBV €
1348	2	29-OCT-22	AA4088	AA	2.1			08-AUG-23	8	92	73	201
356	0	11-FEB-23	AA7485	AA	3.8			21-NOV-23	113	122	102	254
311	3	19-FEB-23	AA7485	AA	1.7			29-NOV-23	121	146	99	244

Top Tip! Download our Free HerdPlus App to view your live profiles on the go.

View Profiles

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Genomics Profile

View the genomic status of the herd to date.

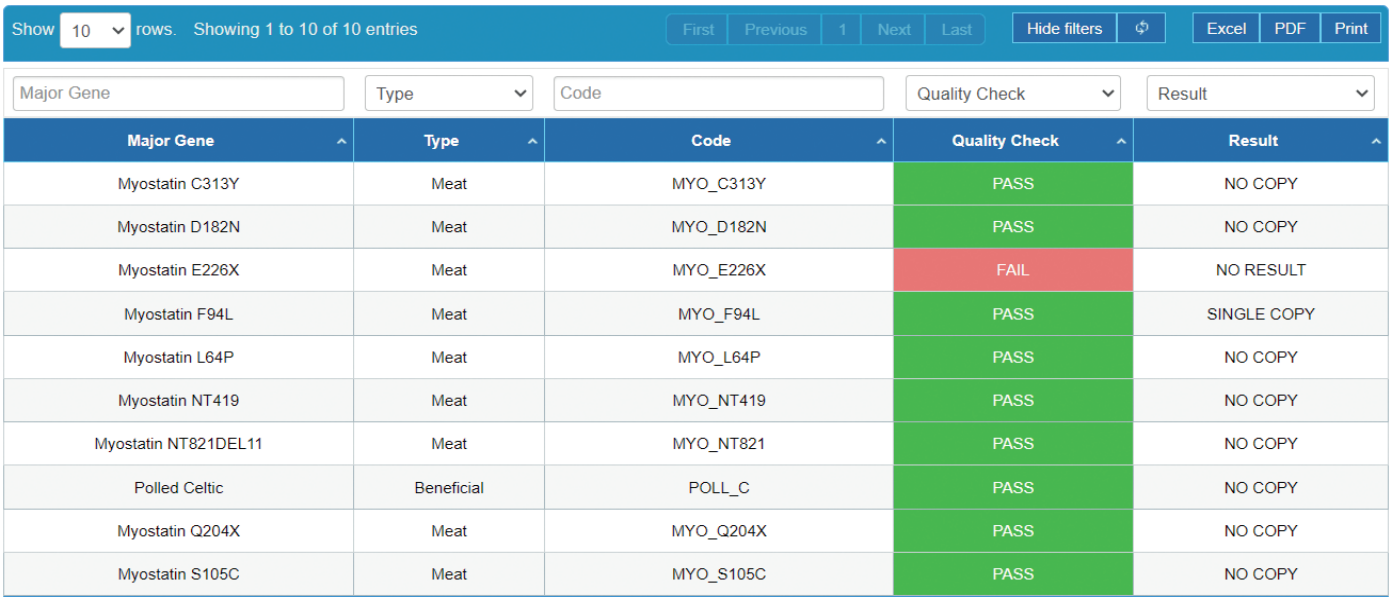
Identify the genotype status of an animal in the herd.

Monitor the status of the animals genotyped (i.e. "sent to farmer", "genomic evaluation", etc.)

Click here to view Major Genes/ Myostatin results

Jumbo	Animal Number	DOB	Sex	Breed	Name	Sire	Sample Received	Genotype Received	Major Genes	Status	Genomic Eval.
285		28-NOV-18	F	LM (50%), HO (22%)		ZGM	Yes	Yes	View	GENOMIC EVALUATION	Yes
364		22-JAN-19	F	LM (100%)		ZAG	Yes	Yes	View	GENOMIC EVALUATION	Yes

This information may be of use to pedigree breeders.



Show 10 rows. Showing 1 to 10 of 10 entries — First | Previous | 1 | Next | Last — Hide filters — Excel | PDF | Print

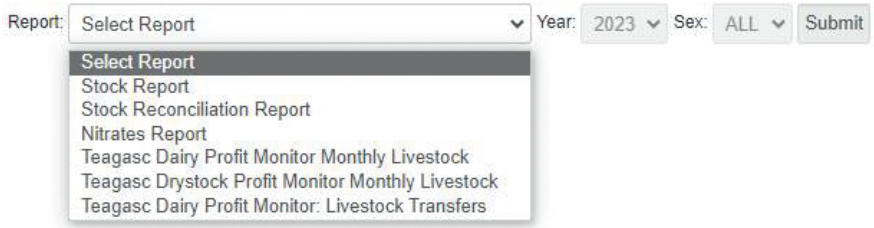
Major Gene | Type | Code | Quality Check | Result

Major Gene	Type	Code	Quality Check	Result
Myostatin C313Y	Meat	MYO_C313Y	PASS	NO COPY
Myostatin D182N	Meat	MYO_D182N	PASS	NO COPY
Myostatin E226X	Meat	MYO_E226X	FAIL	NO RESULT
Myostatin F94L	Meat	MYO_F94L	PASS	SINGLE COPY
Myostatin L64P	Meat	MYO_L64P	PASS	NO COPY
Myostatin NT419	Meat	MYO_NT419	PASS	NO COPY
Myostatin NT821DEL11	Meat	MYO_NT821	PASS	NO COPY
Polled Celtic	Beneficial	POLL_C	PASS	NO COPY
Myostatin Q204X	Meat	MYO_Q204X	PASS	NO COPY
Myostatin S105C	Meat	MYO_S105C	PASS	NO COPY

Stock Reports

View reports based on the stock numbers in your herd.

Downlaod and print these reports in **Excel** or **PDF** format.



Stock Nitrates Report – Calculates kgs of Nitorgen (N) and Phosphorus (P) produced based on the number of animals in the herd.

Stock Report – Calculates the number of animals in the herd on the last day of each month broken down by animal category.

Stock Reconciliation Report – Calculates the number of animals **Born, Bought, Sold, Died and livestock totals for each month.**

Stock reports are beneficial for accounting purposes.

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Record Events

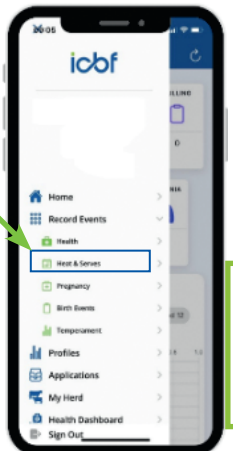
Data Recording

Recording data on your animals is vitally important to ensure the most accurate €uro-star figures are available for your herd. Dissecting this information from reports and profiles helps to make more informed breeding and management decisions for your farming enterprise.

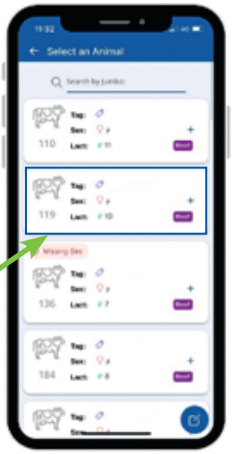
Record Heat & AI/Serve

Here you can record heat and serve events for the animals in your herd. This is a great way to keep track of fertility records for your herd and individual animals. These will impact important KPI's such as calving interval, etc.

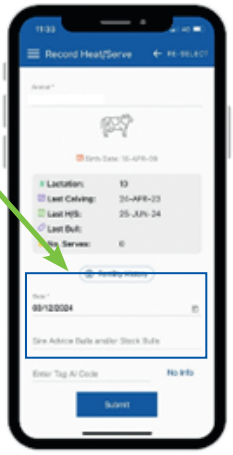
Click here to record Heat and Serve events for your herd



Select an animal to record their heat or serve information

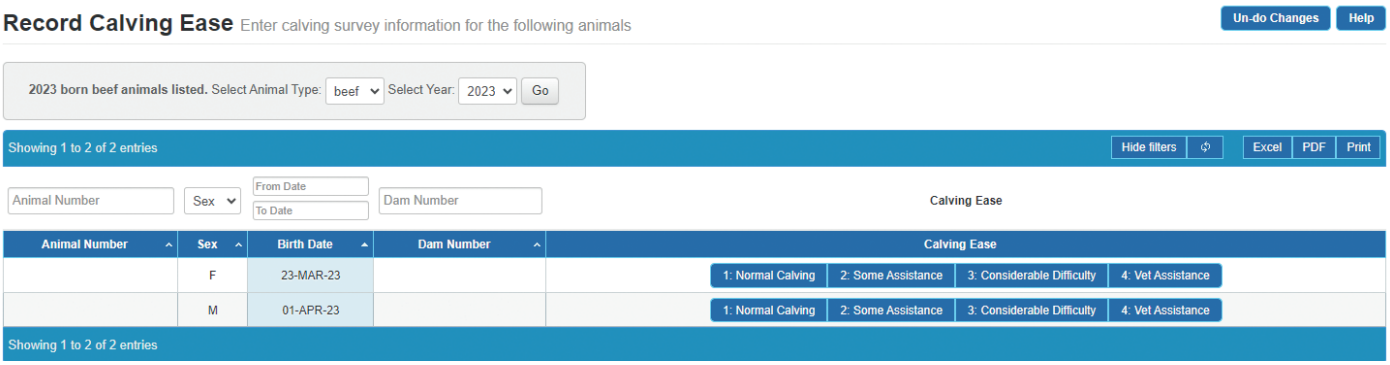


Enter the date of Heat/Serve and enter the full tag number or AI code of the sire used



Record Calving Ease

Recording accurate calving surveys for the animals in your herd is valuable as it is reflected in the calving difficulty figure of sires and increases their reliability for calving difficulty. Calving ease and other information can be recorded in the **Record Birth Events screen.**

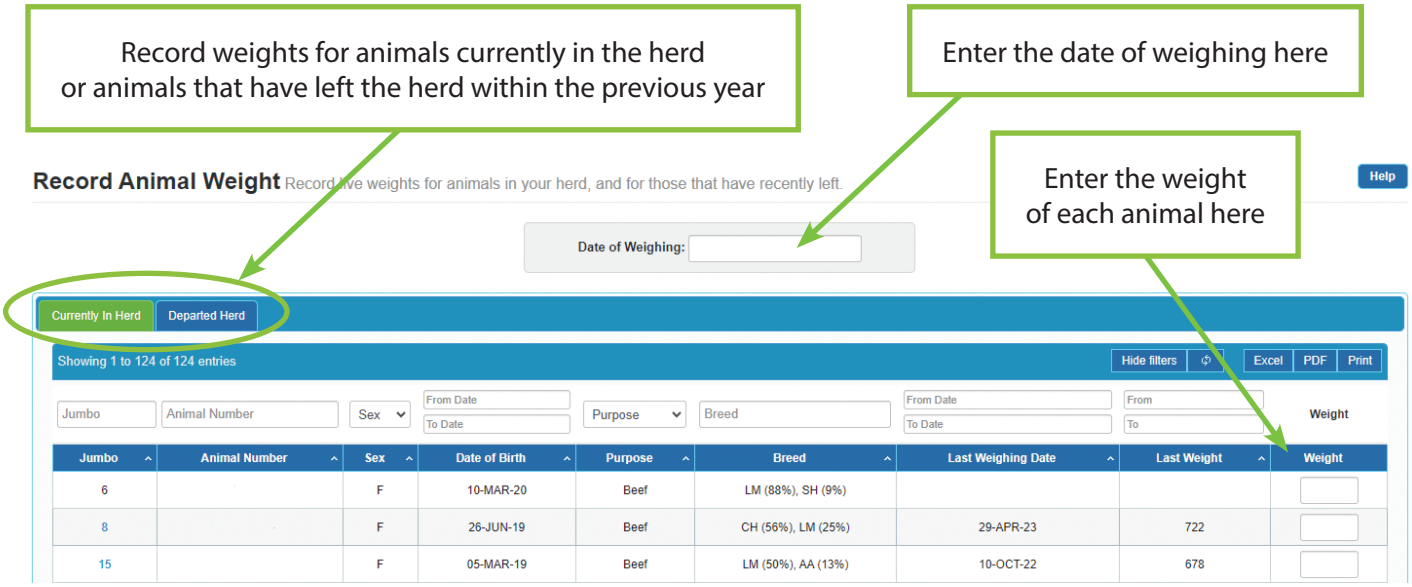


Top Tip! Improve the accuracy of your cows Replacement Index by recording cow liveweights and calf weaning weights.

HerdPlus®
Profit through Science

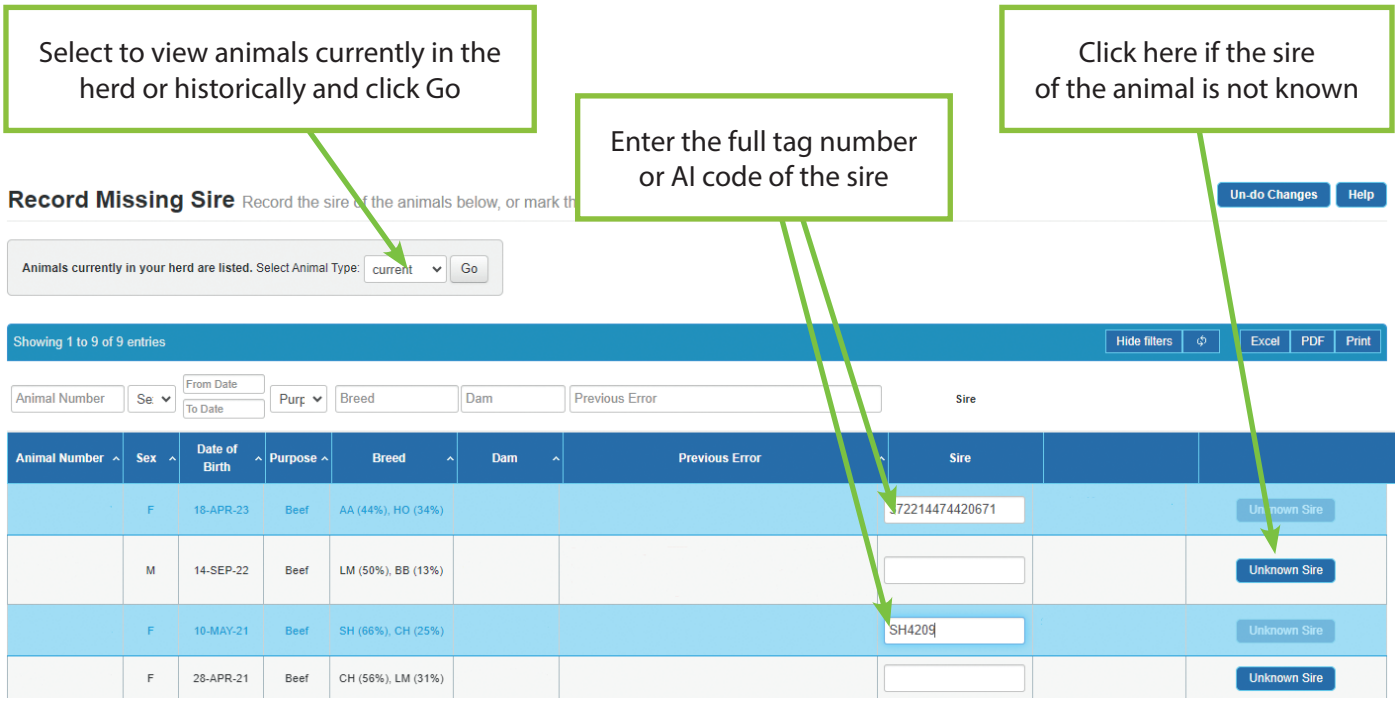
Record Live Weight

Recording live weights of animals in your herd will help you to identify the best performing animals. Weaning weights at 150-250 days play a crucial part in the daughter milk trait within the €uro-star Replacement Index.



Record Missing Sire

Recording the sire of a calf is optional at birth. However, without a sire or a genotype on the database, ICBF cannot generate a €uro-star index for that animal. All animals in the herd with no sire recorded will appear on this screen. Missing Sires can also be recorded via the **HerdPlus APP** under **My Herd**.



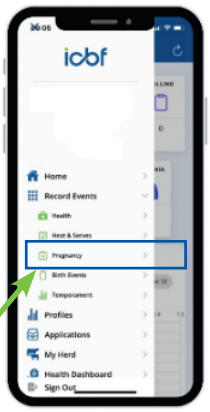
Tel: 023 8820452 | www.icbf.com | email: query@icbf.com

Record Events

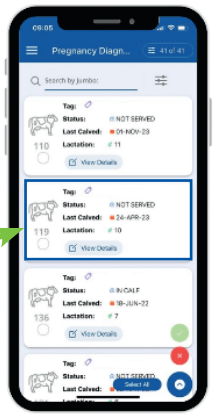
Record Pregnancy Diagnosis

By recording scanning results, expected calving dates will be generated for your herd. In the case that there are no serves recorded, farmers can record estimated number of days in calf as communicated by the scanning technician.

Click here to record pregnancy diagnosis for your herd



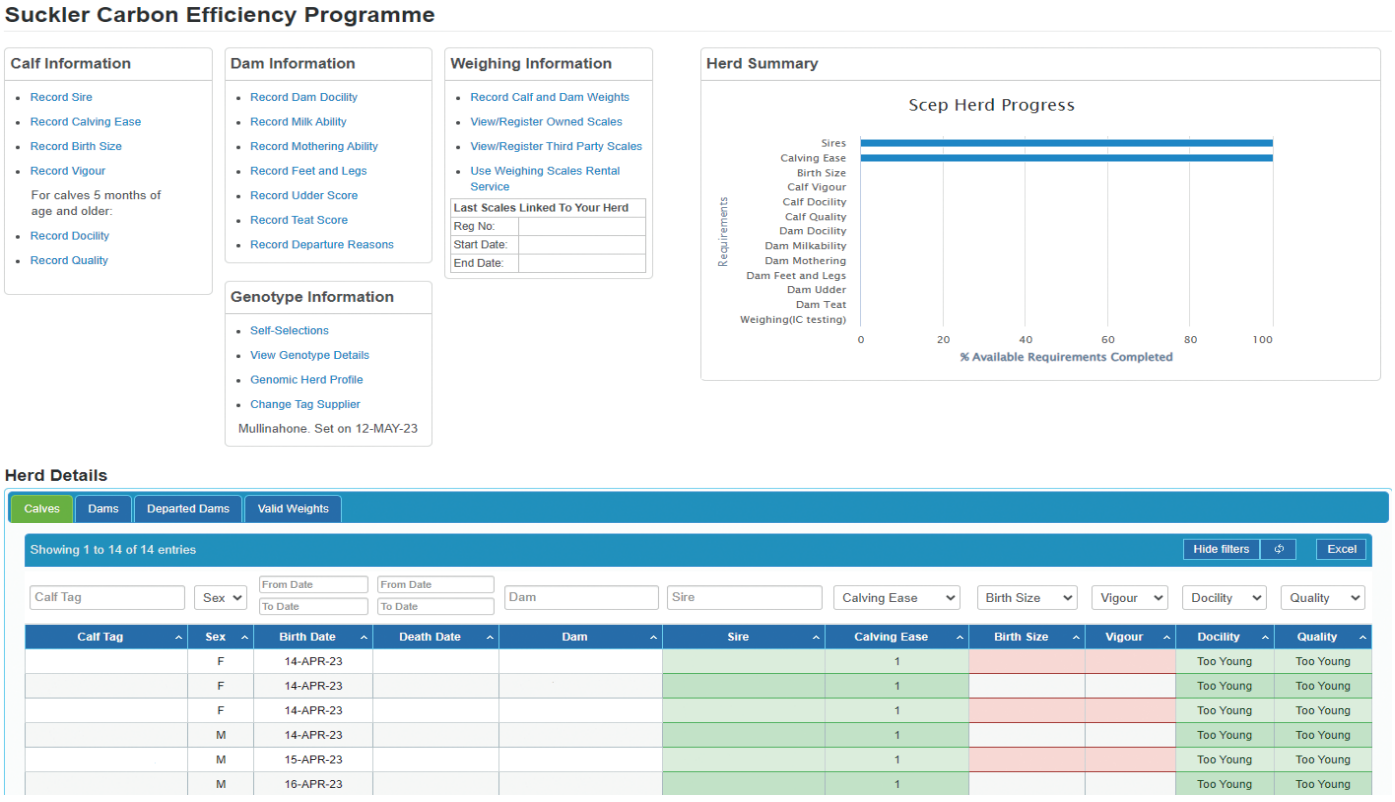
Select an animal or animals to record pregnancy diagnosis



Select the scanning date and enter the status E.g incalf, etc. If not populated enter Days in calf, bull and then select record

Suckler Carbon Efficiency Programme (SCEP)

For SCEP participants, survey data recording for both calves and dams can be recorded by logging into ICBF. This can be accessed by going to **Services** > **SCEP.** Weighing and genotype information in relation to the scheme can also be accessed through this screen.



Top Tip! Download our Free HerdPlus App to view your live profiles on the go.

HerdPlus® Profit through Science

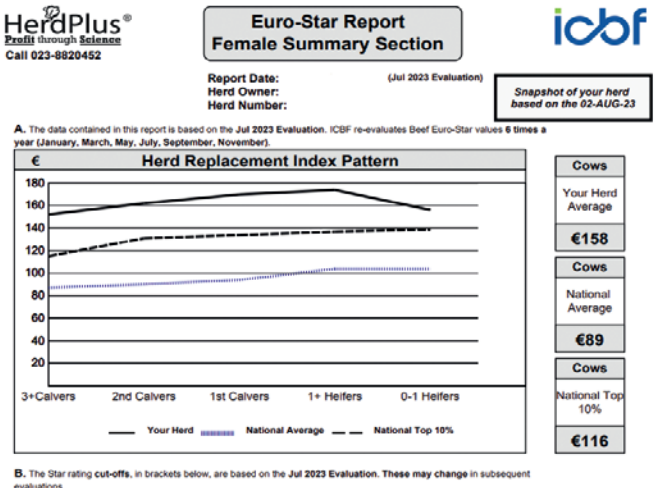
Beef €uro-star Report

The Beef €uro-star Report details the breeding potential of your stock with the aim to breed from the most profitable animals in your herd.

See full breakdown of your herds €uro-star indexes.

Animal Details				Replacement Index				
Jumbo	Animal Tag Date Of Birth Breed	Sire ID Dam Tag	Calvings	Index Value (€) Across Breed Stars	Rel % / Herd Rank	Carcass Weight (Kg) Across Breed	Daught. Milk (Kg) Across Breed	Daught. Calving Interval (Days) Across Bree
300	26-JAN-2018 AA(50%),SA(25%)	ZLL	4	€199 ★★★★★	58% 7	+24 ★★★★	+9.6 ★★★★★	-2.69 ★★★★

How does your herd compare with the National Average & National Top 10%?



Compare your top & bottom cows in the herd based on their Replacement Index.

A. Top Cows
Cows in you herd with the **Highest** Replacement Index

Jumbo	Tag	Date of Birth	Breed	No. of Calvings	Replacement Index: Index Value (€)	Replacement Index: Across Breed
380		27-JAN-21	LM(63%),SA(25%)	1	241	★★★★★
285		23-FEB-17	SA(50%),SI(25%)	5	219	★★★★★
260		12-JAN-16	SA(50%),SI(25%)	6	203	★★★★★
325		06-FEB-19	SI(63%),SA(25%)	3	201	★★★★★
300		26-JAN-18	AA(50%),SA(25%)	4	199	★★★★★
351		24-JAN-20	AA(50%),SA(25%)	2	187	★★★★★
354		01-FEB-20	SI(56%),AA(25%)	2	178	★★★★★
205		31-JAN-13	SI(50%),LM(44%)	9	176	★★★★★
389		04-FEB-21	SA(50%),LM(31%)	1	175	★★★★★
374		02-AUG-20	SI(69%),AA(25%)	1	170	★★★★★

Jumbo	Tag	Date of Birth	Breed	No. of Calvings	Index Value (€)	Across Breed
292		23-AUG-17	SI(75%),LM(25%)	4	91	★★★
244BI		16-JAN-15	LM(50%),CH(34%)	7	95	★★★
291		10-AUG-17	AA(50%),SI(38%)	4	101	★★★★
318		09-SEP-18	SI(75%),LM(25%)	3	103	★★★★
377		05-AUG-20	AA(50%),SI(38%)	1	117	★★★★
275		25-SEP-16	SA(50%),LM(31%)	5	124	★★★★★
294BI		24-DEC-17	SA(50%),SI(44%)	4	135	★★★★★
339		08-APR-19	SI(100%)	2	144	★★★★★
330		20-FEB-19	AA(50%),SI(31%)	3	145	★★★★★
319		12-SEP-18	SI(88%),LM(13%)	3	147	★★★★★

Weaning Performance Report

This report will allow you to analyse the performance of suckler calves born in your herd, as well as the performance of your suckler cows. Easily identify your most efficient cows.

How do your animals compare to industry targets?

Calf Details			Cow Details		
Tag Sire DOB Breed	200 Day Weight (kg)	Recorded Wgt (kg) Age (Days) ADG (kg)	Jumbo Rep Index Stars Across	Recorded Wgt (kg) Adjusted Wgt (kg)**	Weaning Efficiency
90425 FSZ 08/02/2022 CH (50%), SA (25%)	**397**	375 186 1.71*	**277BI** €167 ★★★★★	748 **746**	**53%**

Cow performance

	Calved in Period	No. Weighed*	Avg. Weight (kg)	Weaning Efficiency (Calf 200 Day Weight as % of Cow Weight)	
				Your Herd	Target
All	30	29	727	**41%**	**42%**
1st Calvers	7	7	659	**44%**	**42%**
2nd Calvers	5	5	712	**38%**	**42%**
3rd + Calvers	18	17	760	**41%**	**42%**

Reports

HerdPlus®
Profit through Science

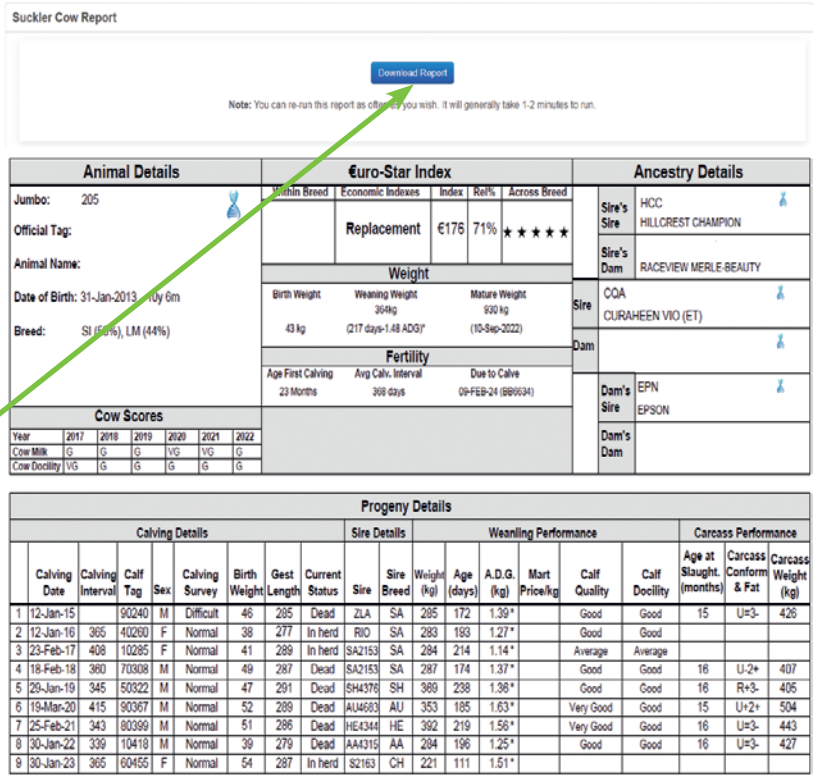
Suckler Cow Report

The Suckler Cow Report enables farmers to critically analyse the performance of every suckler cow in their herd.

Clearly identify every aspect of your cows' performance by looking at:

1. **Ancestry**
2. **Fertility**
3. **€uro-star index**

Click "Download Report" to view the most up to date report on your suckler cows


Suckler Cow Report

Download Report

Note: You can re-run this report as often as you wish. It will generally take 1-2 minutes to run.

Animal Details

Jumbo: 205
Official Tag:
Animal Name:
Date of Birth: 31-Jan-2013 10y 6m
Breed: SI (56%), LM (44%)

€uro-Star Index

Within Breed	Economic Indexes	Index	Rel%	Across Breed
	Replacement	€176	71%	★★★★★

Weight

Birth Weight	Weaning Weight	Mature Weight
43 kg	364kg (217 days-1.48 ADG)*	930 kg (10-Sep-2022)

Fertility

Age First Calving	Avg Calv. Interval	Due to Calve
23 Months	368 days	09-FEB-24 (BB6634)

Cow Scores

Year	2017	2018	2019	2020	2021	2022
Cow Milk	G	G	G	VG	VG	G
Cow Docility	VG	G	G	G	G	G

Ancestry Details

Sire's Sire	HCC	HILLCREST CHAMPION
Sire's Dam		RACEVIEW MERLE-BEAUTY
Sire	COA	CURAHEEN VIO (ET)
Dam		
Dam's Sire	EPN	EPSON
Dam's Dam		

Progeny Details

	Calving Date	Calving Interval	Calf Tag	Sex	Calving Survey	Birth Weight	Gest Length	Current Status	Sire	Sire Breed	Weight (kg)	Age (days)	A.D.G. (kg)	Mart Price/kg	Calf Quality	Calf Docility	Age at Slaught. (months)	Carcass Conform & Fat	Carcass Weight (kg)
	Calving Details								Sire Details		Weanling Performance						Carcass Performance		
1	12-Jan-15		90240	M	Difficult	46	285	Dead	ZLA	SA	285	172	1.39*		Good	Good	15	U=3-	426
2	12-Jan-16	365	40260	F	Normal	38	277	In herd	RIO	SA	283	193	1.27*		Good	Good			
3	23-Feb-17	408	10285	F	Normal	41	289	In herd	SA2153	SA	284	214	1.14*		Average	Average			
4	18-Feb-18	360	70308	M	Normal	49	287	Dead	SA2153	SA	287	174	1.37*		Good	Good	16	U-2+	407
5	29-Jan-19	345	50322	M	Normal	47	291	Dead	SH4376	SH	369	238	1.36*		Good	Good	16	R+3-	405
6	19-Mar-20	415	90367	M	Normal	52	289	Dead	AU4683	AU	353	185	1.63*		Very Good	Good	15	U+2+	504
7	25-Feb-21	343	80399	M	Normal	51	286	Dead	HE4344	HE	392	219	1.56*		Very Good	Good	16	U=3-	443
8	30-Jan-22	339	10418	M	Normal	39	279	Dead	AA4315	AA	284	196	1.25*		Good	Good	16	U=3-	427
9	30-Jan-23	365	60455	F	Normal	54	287	In herd	S2163	CH	221	111	1.51*						

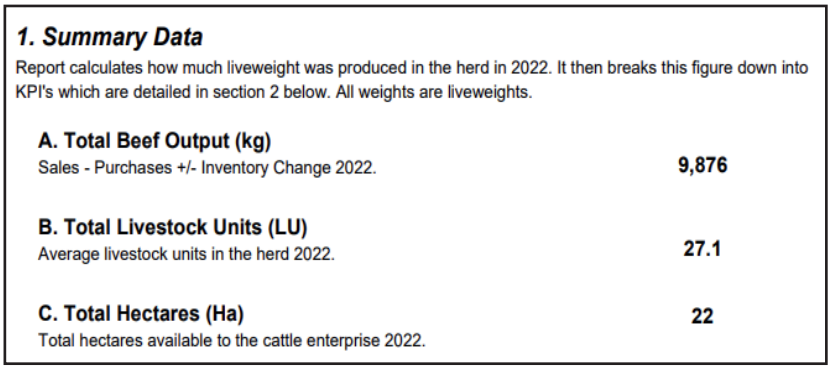
Beef Output Report

Assess the productivity of your beef herd in terms of Kgs of liveweight produced with the Beef Output Report.

A useful benchmark for both dry stock and breeding herds.

To assess the output per hectare of your herd, please record "Total Hectares" for your farm as accurately as possible.

See a detailed breakdown of your sales and purchases for the year.

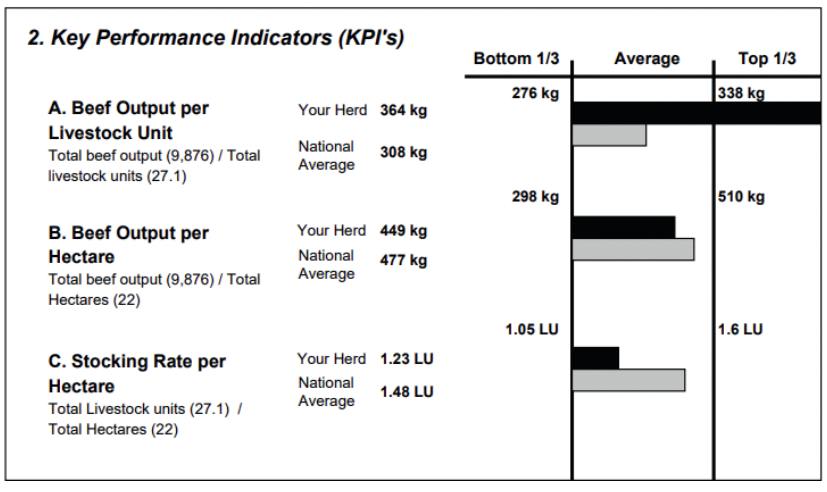

1. Summary Data

Report calculates how much liveweight was produced in the herd in 2022. It then breaks this figure down into KPI's which are detailed in section 2 below. All weights are liveweights.

A. Total Beef Output (kg) — **9,876**
Sales - Purchases +/- Inventory Change 2022.

B. Total Livestock Units (LU) — **27.1**
Average livestock units in the herd 2022.

C. Total Hectares (Ha) — **22**
Total hectares available to the cattle enterprise 2022.


2. Key Performance Indicators (KPI's)

			Bottom 1/3	Average	Top 1/3
A. Beef Output per Livestock Unit Total beef output (9,876) / Total livestock units (27.1)	Your Herd	364 kg	276 kg		338 kg
	National Average	308 kg			
B. Beef Output per Hectare Total beef output (9,876) / Total Hectares (22)	Your Herd	449 kg	298 kg		510 kg
	National Average	477 kg			
C. Stocking Rate per Hectare Total Livestock units (27.1) / Total Hectares (22)	Your Herd	1.23 LU	1.05 LU		1.6 LU
	National Average	1.48 LU			

Top Tip! Log on to icbf.com to generate your herd's Suckler Cow Report.

HerdPlus®
Profit through Science

Beef Calving Report

The Beef Calving Report allows you to assess the calving performance of your herd.

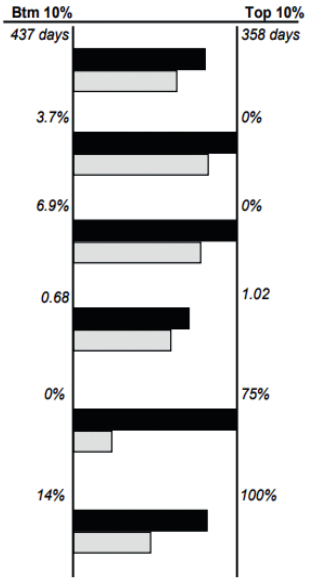
Benchmark your herd for KPI's such as calving interval and number of calves per cow per year.

Compare your herds performance with the National Average.

Quickly identify cows that may have potential fertility issues by looking at your "Action List".

(b). Top 6 Key Performance Indicators (KPIs)

	Your Herd	Nat Avg
1. Calving Interval (days) Average number of days between successive calvings for cows calved during the period.	374 days	393 days
2. Mortality - Dead at Birth (%) Number of calves born dead **(0)** as a proportion of all births during the period.**(16)**	0%	0.86%
3. Mortality - Dead at 28 Days (%) Number of calves born dead or dead within 28 days, **(0)** as a proportion of all births recorded during the period. **(16)**	0%	2.07%
4. Calves per Cow per Year[3] Number of calves per cow per year, expressed as a proportion of all eligible females in the herd. **(17)**	0.92	0.87
5. % of Heifers Calved 22-26 Months of Age The number of heifers calved in the period **(3)** that were between 22 and 26 months of age. **(3)**	100%	24%
6. Spring 6 Week Calving Rate Number of cows calved within the first 6 weeks, as a proportion of **(11)** all cows calved during the Spring. **(13)**	85%	55%

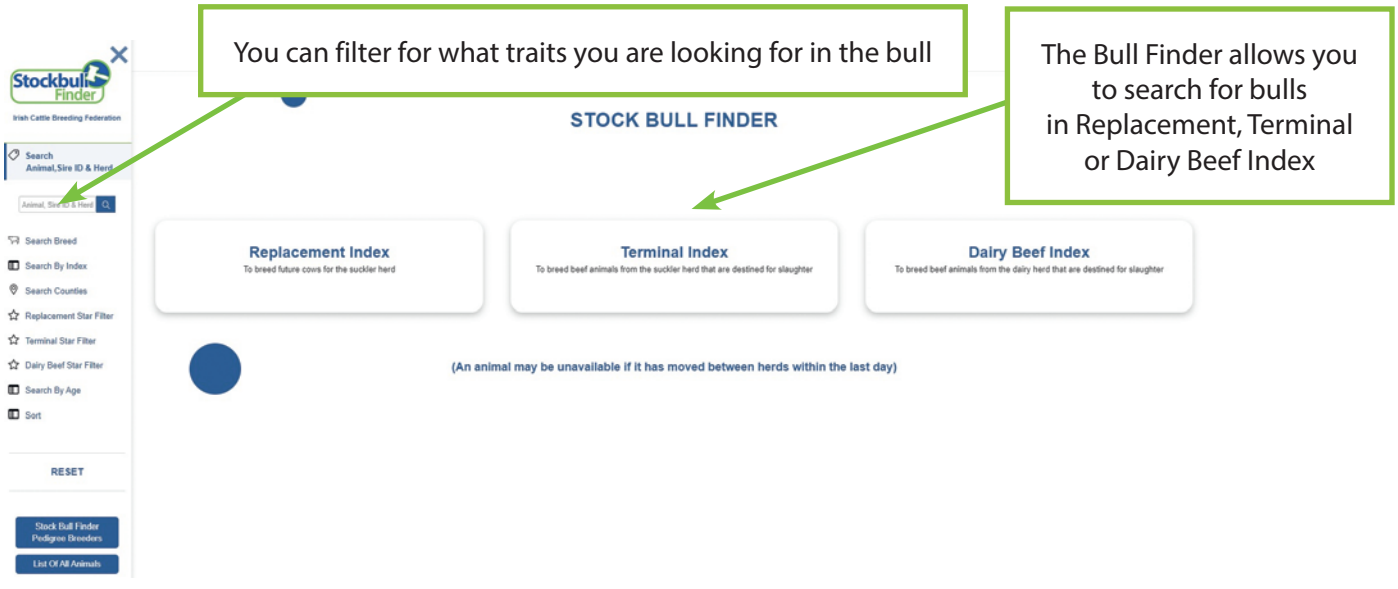


Animal Details					Areas for Attention			
Jumbo	Animal Number	Age	No. of Calvings	Last Calving Date	Last Calving Interval >390 days[1]	Cows Not Calved >390 days[2]	Recycled[3]	Last Calving Scored Difficult[4] (3 or 4)
867		8y 2m	3	17-Sep-20	**505**	X	X	

Applications

Stock Bull Finder

This allows a farmer to search for beef bulls for sale in Ireland from performance recorded pedigree herds. The stock bull finder can be found under **Applications > Stock Bull Finder**.



Applications

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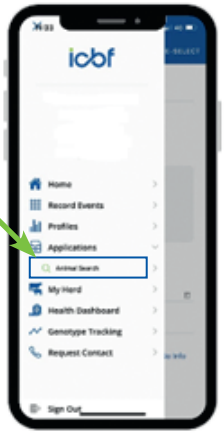
Animal Search

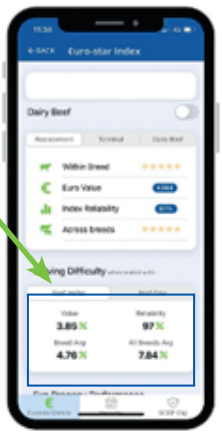
Search an animal's tag number or name to retrieve €uro-star index information.
This can be accessed by downloading the **ICBF Herdplus App or at ICBF.com**

Click here to use the animal search



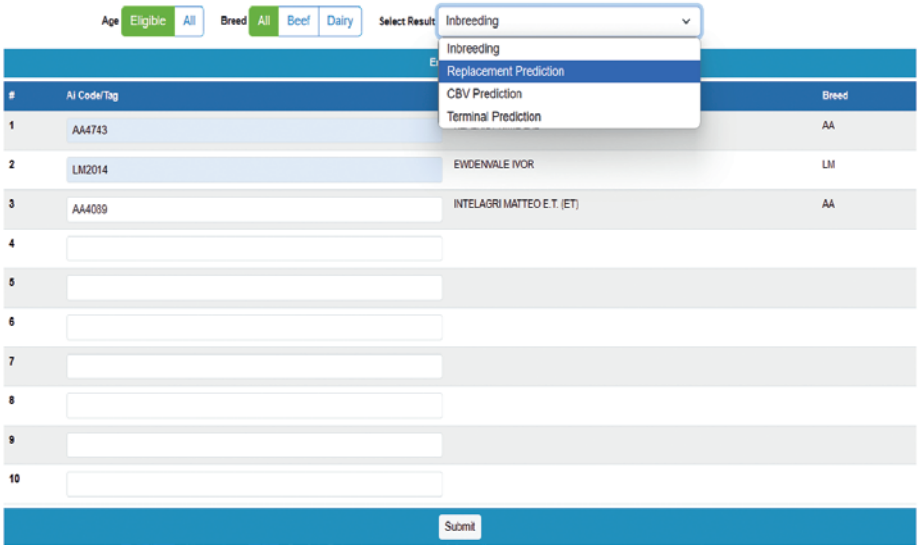
Enter the animals tag number, AI code or name here

View the most up to date Euro-star index information on the selected animal



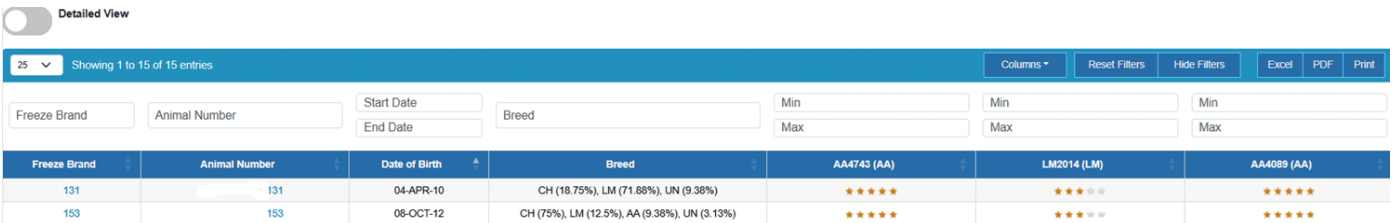
Inbreeding & Parental Average Predictions

- The **inbreeding checker** allows a farmer to check for possible inbreeding if their females are mated with a particular AI sire or stockbull prior to mating. The Inbreeding Checker cannot be run on animals that have no sire recorded. An inbreeding level of 6.25 and under is deemed acceptable
- The **CBV prediction** will generate a report for each mating between a breeding female and the selected sire(s) which will display a projected Commercial Beef Value for the potential progeny.



- The **Replacement and Terminal Index predictions** will generate a report for each mating between a breeding female and the selected sire(s) which will display a projected Replacement and/or Terminal Index value for the potential progeny.

This is an example of the **predicted Replacement star rating** for the potential progeny if any of the below matings were to occur.



Top Tip! Download our Free HerdPlus App to view your live profiles on the go.

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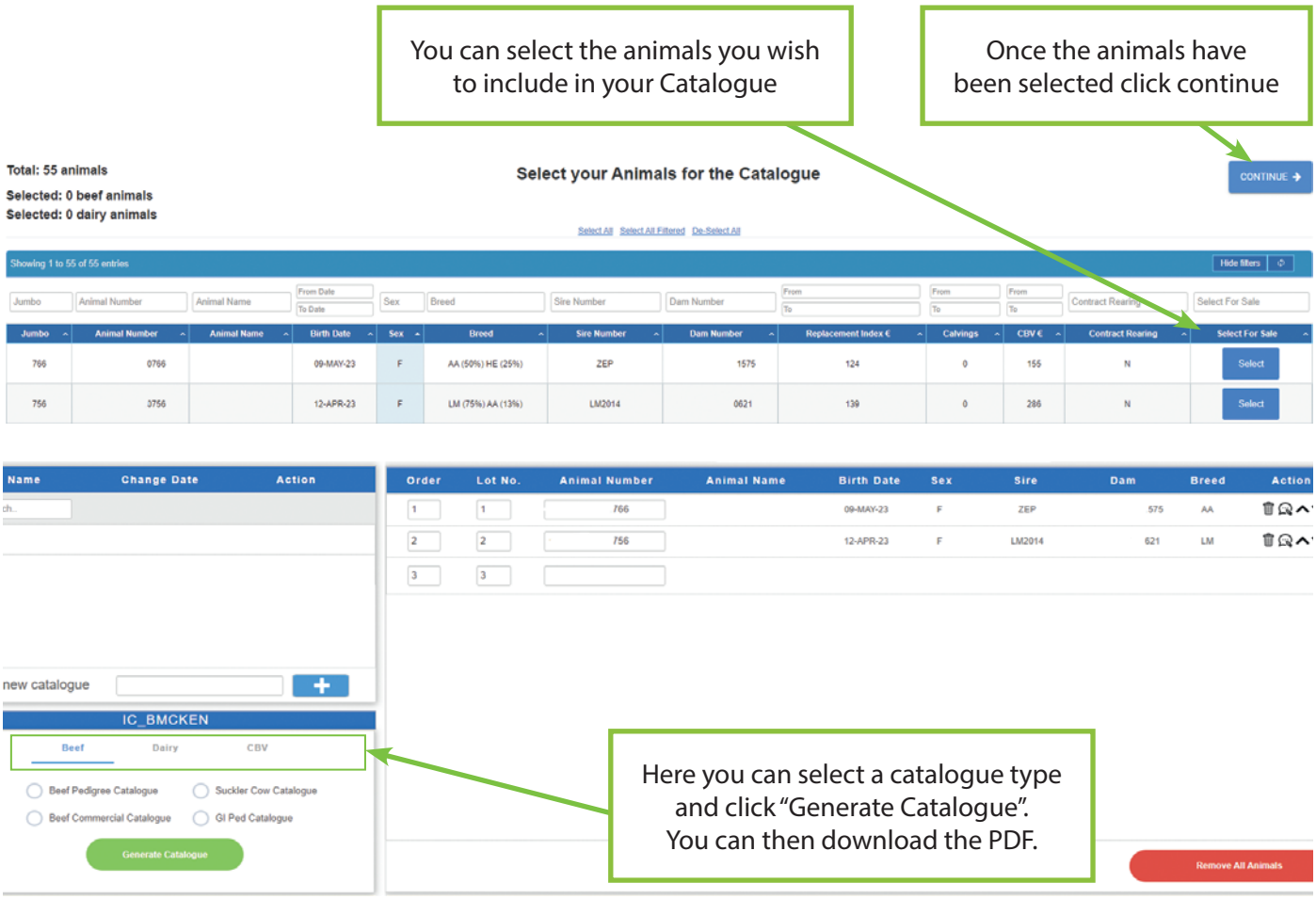
Sales Catalogues

A farmer can create sales catalogues through their HerdPlus account. These can be found through **Applications > Catalogue**



This is an example of a Female Commercial Catalogue.

= Genomic Evaluation

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€uro-Stars Listing

icbf

Animal Details								Replacement Index		Geno Eval	Owner		
Lot	Tag	Date of Birth	Sex	Calving	Breed	Sire	Dam's Sire	Index	Euro-Stars Across Breed		Due to Calve	Expected Sire	Sire Breed
1	563	07-May-23	F	-	50% LM 22% HE 22% HO	541	-	€96	★ ★ ★	No			
2	076	25-Feb-23	M	-	50% AA 47% HO 3% FR	AA4089 (INTELAGRI MATTEO E.T)	LHZ ((IG) LAURAGH EVERT)	€214	★ ★ ★ ★ ★	No			
3	560	02-Apr-23	M	-	50% LM 22% AA 22% HO	541	-	€112	★ ★ ★	No			

This is an example of a Commercial Beef Value Catalogue (CBV) which can be used for farm to farm sales.

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Commercial Beef Value (CBV) Catalogue

HerdPlus® Profit through Science

Herd Owner:
Print Date: 20-01-25

Evaluation: Nov 2024

Animal Details							CBV Details						
Lot	Tag Number	Date of Birth	Sex	Breed	Sire	Dam Jumbo	Breed Type	Value (€)	Within Breed Type	Carcass Weight (Kg)	Carcass Con (1-15 Scale)	Feed Intake (Kg /DM/day)	Age At Finish (Days)
2	1808	20-03-2024	F	CH (50%), LM (22%)	CH4321 LAPON	91010	Suckler	€262	★ ★ ★	20.3	1.27	-.14	1.04

Tel: 023 8820452 | www.icbf.com | email: query@icbf.com

Farmer Testimonial

HerdPlus®
Profit through Science

Wesley Browne, Co. Monaghan

"I find the information HerdPlus supplies about breeding animals to be very useful in the day to day running of my farm. It helps me hugely in making breeding decisions in terms of the indexes and to follow the direction in which the herd is going. You can see how many calves a cow produces, their weight performance and the star ratings of all the animals. I find the bottom 10% of animals in my herd to be quite accurate and it helps with culling decisions. The Suckler Cow Report is very useful as it has all the information on the cow and how she is performing. All of the useful information any suckler farmer needs is always available which makes it a great tool to use. I would definitely recommend HerdPlus to other farmers who want to make genetic gains and improvements in their herd."

James Lacey, Co. Tipperary

"I have a Pedigree herd, using the HerdPlus service it provides all the ancestry details for my animals in the one place. It has helped me place a greater emphasis on better genetics when purchasing animals as I can target high Replacement index animals for breeding in my own herd. If I want to purchase an animal, I can get access to it's information on the Animal Search if the seller is in HerdPlus. Being able to combine the genetic information of an animal with its own appearance is a game changer. Genotyping my animals provides a lot of benefits and gives confidence to potential buyers that my stock have their parentage confirmed and have been included in an genomic evaluation. The Beef Calving Report is important for my herd to identify the cows that are doing the business for me."

Top Tip! Create a sales catalogue to highlight key sale information on your animals.

HerdPlus®
Profit through Science

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Try out our new and improved **HerdPlus App**

***Record events** and **view** the **latest statistics** for **your herd** all at your fingertips!*

- Instant access to herd statistics on calving, fertility, 5-year trends, etc.
- Record serves, birth events and health data anytime, anywhere
- Stay tuned for regular improvements to come!

Scan the QR code to download for **FREE** today!

Useful Contact Information

DAFM

Main Switchboard: **057 8674400**
Agfood: **049 4368288**
Suckler Carbon Efficiency Programme: **057 8674454** or **scep@agriculture.gov.ie**

National Calf Registration & Movements

CMMS (Movements): **023 8832890**
Calf Reg: **023 8832890**
Permits: **023 8832891** or **agripermits@capita.com**

Other

BVD Helpline: **091 507 648**
Animal Health Ireland: **071 9671928**
Weatherbys: **045 875521**
Bord Bia: **01 6685155**
Cattle Weighing Scales Rental Service: **https://www.icbf.com/the-weighing-scheme/**