



Dairy HerdPlus

User Guide

www.icbf.com

AgTech - It's in Our DNA

@herdplus



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.

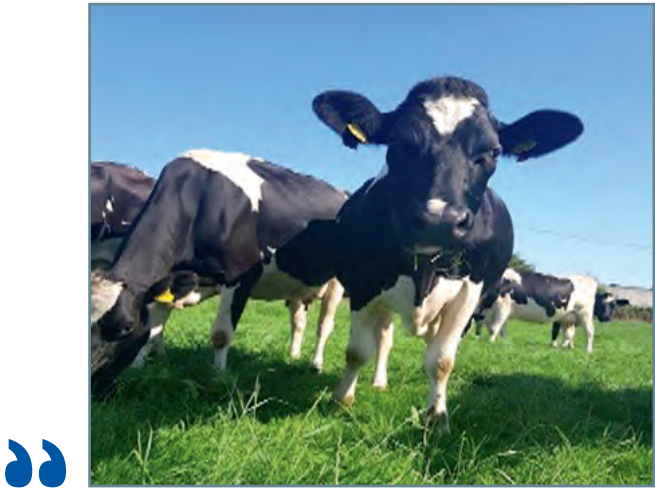


Understanding EBI	3
Dairy Beef Index (DBI)	4
Commercial Beef Value (CBV)	4
Genomics	5
Logging In	5
View Profiles	6
Record Events	10
Reports	13
Sire Advice	15
Applications	17

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

Padraig O’Connell, Co. Kerry

“ Using the services provided by HerdPlus, mainly EBI and genomic evaluations, have massively helped transform our herd over the past number of years. In 2017, our herd EBI was €64 which was well below the national average. The cows were producing 350 kgs of milk solids and the calving pattern was not where it needed to be. Genomics have helped to make more informed breeding decisions and notable improvements in overall herd EBI which is currently at €176. The herd is producing over 430 kgs of milk solids and achieving a six-week calving rate of 75%. This progress and genetic gain has been a result of the tools and information that HerdPlus provides to us as farmers.



What is EBI?

EBI is a single figure profit index aimed at helping farmers identify the most profitable bulls and cows for breeding dairy herd replacements. It comprises of information on eight sub-indexes related to profitable milk production. Knowing the genetic merit of your herd is a key component to successfully improving traits of importance on your farm.

The observed performance of an individual cow depends on two things:

- The genetic merit of the cows.
- The environment in which the cow is performing.

The eight sub-indexes which all have a relative trait emphasis on the overall index are outlined in this chart.



EBI figures are subject to change after each evaluation run. The **Publication Schedule** can be found online at www.icbf.com

What is the base cow?

The base for production and fertility is 2005 born cows, calved and milk recorded for the first time in 2007, with at least 2 years out of 5 milk recorded. The base cow performance is as follows:

	Milk Kg	Fat Kg	Prot Kg	Fat %	Prot %	Calving Interval	Survival %
Base Cow Performance	6044	236.2	207.5	3.91	3.43	398.8	85.3

How do I interpret the Predicted figures for Milk Kg, Fat Kg, etc?

An animal’s Predicted Transmitting Ability (PTA) indicates the amount of a particular trait an animal is expected to pass on to its progeny, relative to the base cow population. The PTA is equal to half of its own Breeding Value since a cow only passes on half her genes to her offspring. All values on the EBI report are expressed as PTA’s. Information on bulls (in catalogues, bull search, etc.) is also presented in terms of PTA.

The daughters of a bull with a PTA of 150kg for milk yield would be expected to produce, on average, 100kg more milk per lactation than the daughters of a bull with a PTA of 50kg if their dams have equal genetic merit. The actual difference will not be exact when comparing individual daughters because no two daughters get exactly the same combination of genes and are not exposed to exactly the same environment. Thus, daughters of the same sire may have varying performance.

Reliability

This is used to measure the accuracy of an index or trait PTA based on the amount of data that is recorded on an animal. The number of progeny records required to meet certain reliability figures varies from trait to trait as some traits are more heritable than others.

Why does my animal not have an EBI?

The most common reason for an EBI not to be displayed on an animal is generally because the sire may not have been recorded. This information can be recorded by going to **Record Events > Missing Sire**.

What is the Dairy Beef Index?

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

What does the DBI select for?

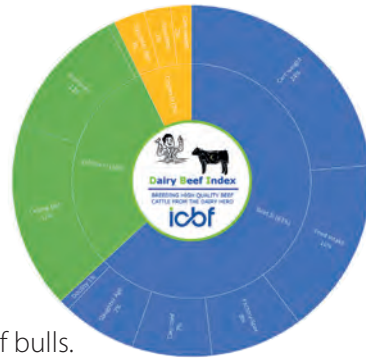
- Easy calving, short gestation and less calf mortality.
- Heavier carcasses of greater conformation and lower fat score.
- Cattle that are polled, carbon efficient and have lower feed intake.

Advice for Dairy farmers

To maximise dairy-beef profitability, use beef bulls with the highest Dairy Beef Index.

- If using beef AI, identify the best bulls from the active bull list; ideally use a team of bulls.
- If purchasing a stock bull, ask the breeder for the bull's tag and obtain his DBI from the animal search, sales catalogue or stock bull finder.

The DBI information of a bull can be viewed on the ICBF Animal Search.



Commercial Beef Value (CBV)

What is CBV?

CBV is a tool for non-breeding beef farmers designed to give an insight into an animal's genetic merit. Like the replacement and terminal indexes, the CBV is expressed as a € value. The higher the CBV the better the genetic merit of the animal for beef traits.

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

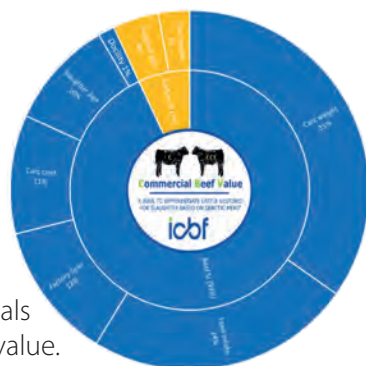
What animals will receive a CBV?

- Suckler (beef sire and beef dam)
- Dairy x Beef (one dairy parent and one beef parent)
- Dairy x Dairy (dairy sire and dairy dam)

Females that have had a calf, dairy females, pedigree beef males and females will not receive a CBV.

I'm a dairy farmer. How do I breed high CBV animals?

Animals with high carcass merit, docility and feed intake trait values will have the highest CBV's. Selecting bulls from the DBI active bull list with a high beef sub-index will help to breed high CBV progeny.



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

What is Genomics?

Genomics is breeding using DNA (Genotype) combined with performance data on an animal's relatives to help better predict how well 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, blood or semen samples. DNA is the building block of life and therefore 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 EBI reliability** – Greatly increases index reliability before the animal has any of its own progeny.
- **Parentage verification** – Genotyping can confirm the sire & dam of an animal.
- **Major Genes** – Animals can be identified as carriers of major genes (i.e. Myostatin, polledness, etc.) and diseases.

Genomics helps farmers to make more informed and confident decisions when selecting the next generation of dairy replacements. Genotypes can be ordered online by logging into HerdPlus through the Genomic Services portal or by calling 023 8820452. Hair cards will be sent to farm via post with instructions and a return envelope enclosed.

Genotypes can be tracked on the "Genotype Tracking" screen by entering the herd number or animal tag number. This will give an indication of what stage the process is currently at.

Genotype Tracking

Search for samples by herd number, animal number or Batch number:

OR

Search for samples requested by date of initial request between two dates: Start Date End Date

Showing 1 to 14 of 14 entries

Request Date	Herd	Owner	Animal Number	Sex	Breed	Death Date	Sample	Org	Sent to Farm	ICBF Received	Sent to Lab	Chip	Gene Received	Prio	Code	Animal Search	Status	Date of Status	Cert Requested
11-AUG-23				F	HO		HAIR	IH	14-AUG-23	22-AUG-23	22-AUG-23	ICBV5	30-AUG-23	4	DHB	View	GENOTYPE PUBLISHED	08-SEP-23	16-AUG-23
26-JAN-23				M	HO		HAIR	IH	27-JAN-23	31-JAN-23	31-JAN-23	ICBV5	06-FEB-23	4	HB	View	GENOTYPE PUBLISHED	14-FEB-23	15-FEB-23
30-NOV-22				F	HO		IC	IC	30-NOV-22	30-NOV-22	30-NOV-22		30-NOV-22	9	RE_WE	View	GENOTYPE PUBLISHED	09-DEC-22	13-DEC-22
07-NOV-22				F	HO		HAIR	IH	08-NOV-22	17-NOV-22	17-NOV-22	IDBV5	25-NOV-22	4	DHB	View	GENOTYPE PUBLISHED	09-DEC-22	13-DEC-22

Enter herd number or animal tag number and click "Go" to track genotyping progress

This is the date that ICBF received the genotype from the lab. Animal will be ran through the genomic evaluation process shortly afterwards

This updates regularly so you can see what stage the sample is currently at

Logging in

Follow the steps below to access your HerdPlus account:

1. Go to www.icbf.com
2. Enter your herd number and password in the fields provided.
3. Click Log In
4. 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.

Username

Herd Number

Password

Password

☐ Show Password

[Forgot your password?](#)



EBI Profile

View the EBI figures for each of your animals on our live EBI profile.
Compare your herds average EBI figure against the National Average.



Expected Calving Profile

Check the expected calving dates for your herd based on insemination data recorded.

Jumbo Contract Rearing		From To	From Date To Date	Last Bull	Bull's Main Breed	Risk of Dair	From To	Sorted	From Date To Date	From Date To Date	From To	From To	From To	From To	From To	From To	From To
Jumbo	Contract Rearing	Lact	Last Serv	Last Bull	Bull's Main Breed	Risk of Dairy Heifer CMT	Dairy Heifer DH Cow CDM	Sorted	Last Preg Scan	Exp Calving Date	Days To Calving	DM	Expected Lb	Expected Milk	Expected Fat	Expected Carbon	Expected C/IV
1671	N	1	26-APR-23	FR8893	HO	—	2.0			30-JAN-24	131	226	269	102	124	14	-30
1700	N	1	26-APR-23	FR7725	HO	—	2.4			30-JAN-24	131	204	244	79	106	21	-31
1739	N	0	26-APR-23	FR6076	HO	Low	6.6		18-AUG-23	30-JAN-24	131		240	87	100	15	-37
1742	N	0	26-APR-23	FR8893	HO	Low	3.7		18-AUG-23	30-JAN-24	131		277	104	114	15	-32
1743	N	0	26-APR-23	FR7725	HO	Moderate	6.7		18-AUG-23	30-JAN-24	131		282	86	122	16	-21

See the days to calving and the predicted overall EBI value of the calf including a breakdown of the figures across some of the key sub-indices.

Milk Recording Profiles

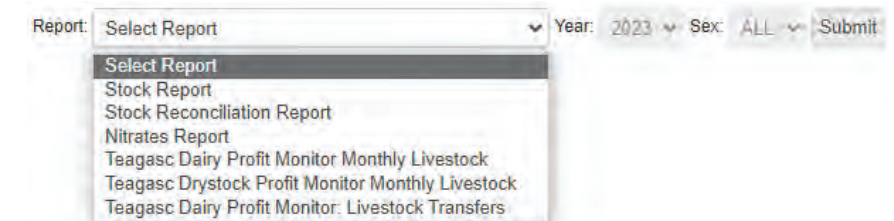
The following profiles are available for herds that practice milking recording.



Stock Reports

View various reports based on stock numbers at a given time.

Download and print these reports in **Excel** or **PDF** Format.



Stock Nitrates Report

- calculates kgs of Nitrogen (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

t – calculates the number of animals **Born, Bought, Sold, Died and livestock totals for each month.**

Stock reports are beneficial for accounting purposes.

View Profiles



Dairy Genomic Results Profile

This profile displays dairy animals in the herd with a genomic evaluation. Shows the difference from their non-genomic proof to the current official proof. Highlights the areas of change for each individual animal based on the genomic information. Information can be viewed for each EBI sub-index and conformation traits.



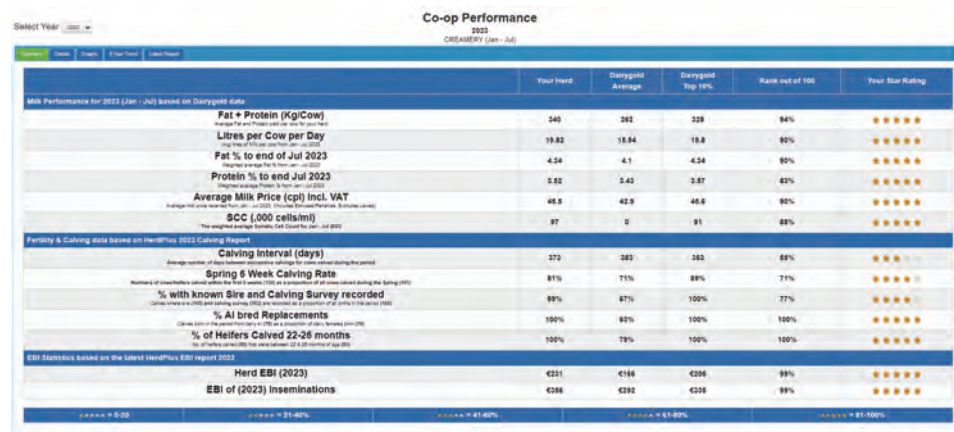
Co-op Profile

This profile gives an excellent overview of the herd's production and fertility performance.

Allows farmers compare their herd performance against other herds across numerous key performance indicators (KPI's).

The profile is broken down in 3 main areas of analysis of on-farm performance.

1. Milk Production
2. Herd Fertility
3. Herd Genetics



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. 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)
3253		SA (50%) HO (44%)	10-MAR-23	M		SA4504	Y	Y	Dairy x Beef	127	★ ★ ★ ★ ★	★ ★ ★ ★ ★	10.8	0.15	-0.07	3	-0.05	0.04
3243		SA (50%) HO (38%)	23-FEB-23	F		SA4504	Y	Y	Dairy x Beef	107	★ ★ ★ ★ ★	★ ★ ★ ★ ★	9.8	0.21	-0.08	5	0.03	0.03
3264		AU (50%) HO (38%)	26-MAR-23	M		AU288	Y	Y	Dairy x Beef	100	★ ★ ★ ★ ★	★ ★ ★ ★ ★	1.7	0.73	-0.02	5	-0.17	0.10
3272		AA (50%) HO (44%)	09-APR-23	M			Y	N	Dairy x Beef	81	★ ★ ★ ★ ★	★ ★ ★ ★ ★	-0.3	0.10	0.21	-5	0.06	0.08

View Profiles



C.O.W. is a decision **support** tool for dairy females to aid in **management** and **culling** decisions through measuring the performance of your cows within your herd.

C.O.W. is the expected profit of a cow for her **remaining lifetime**. Cows are listed in order of most profitable to least. Suitable culling candidates will be at the end of the profile.

Record essential data to improve the accuracy of your herds C.O.W. e.g. dry-offs, serves, health events.

Record Events

Missing Sire	Heat & AI/Serve	Pregnancy Diagnosis	Dry-Off	Mastitis & Lameness	Mark For Culling
0 Missing	148 Cows Served	71 Cows Scanned	0 Cows	0 Mastitis Case(s)	0 Cows Marked
		2% Empty		0 Lameness Case(s)	

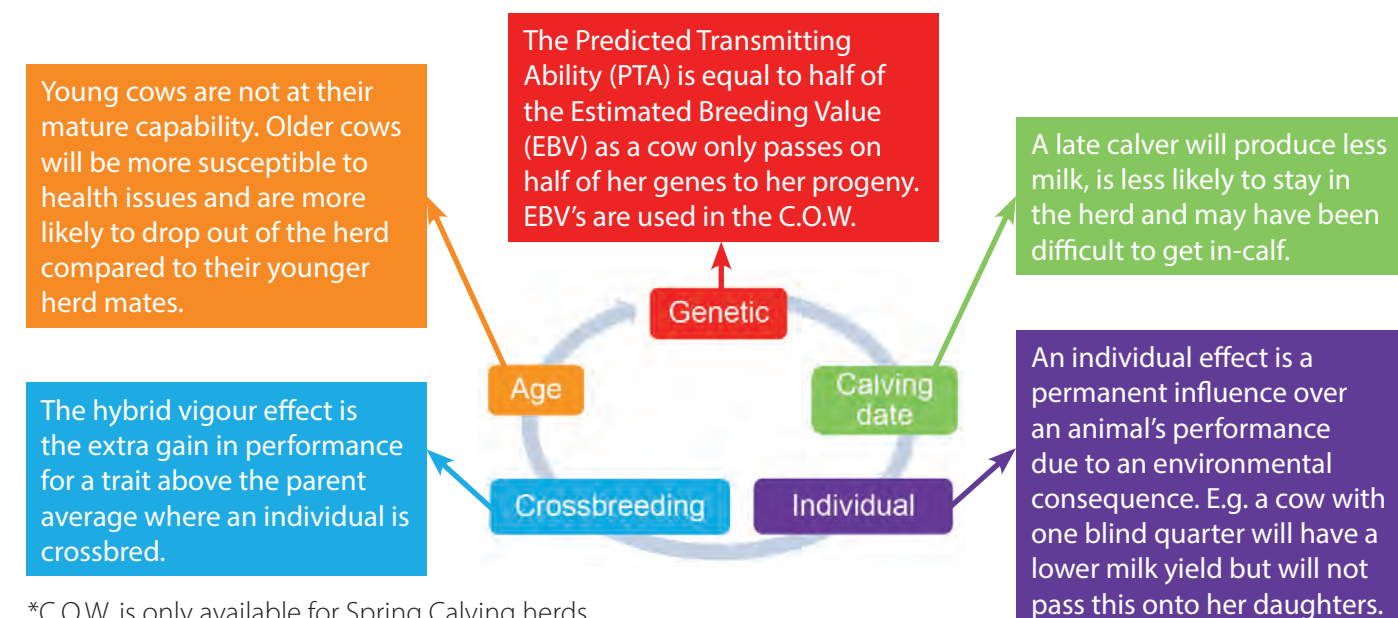
Rank		Animal Details			C.O.W. Components			EBI	Milk Solids	SCC	Fertility			Other	
C.O.W. Rank	Jumbo	Animal Number	Lact	C.O.W. (€)	Current Lact Profit (€)	Future Lact Profit (€)	Net Replace Cost (€)	EBI (€)	305D F+P kg	SCC (,000 c/ml)	Last Calving Date	Preg Diag	Expected Calving Date	Marked For Culling	Dried Off
1	1492	372214057371492	1	3773	544	2165	1045	238	595	65	12-FEB-23	IN CALF	09-FEB-24	NO	
2	1714	372214057371714	1	3409	452	1850	1087	243	490	42	07-MAR-23		22-FEB-24	NO	
3	1458	372214057371458	2	3125	494	1675	956	210	575	140	31-JAN-23		13-FEB-24	NO	
4	1508	372214057371508	2	3073	444	1682	947	231	533	41	09-FEB-23	IN CALF	12-FEB-24	NO	

Compare your top vs bottom cows on C.O.W.

147	1264	372214057371264	4	408	-128	-147	684	124	457	61	11-FEB-23		19-FEB-24	NO	
148	1140	372214057371140	5					167	593	204	28-MAR-23	EMPTY		NO	
149	1256	372214057371256	4					141	534	54	24-FEB-23	EMPTY		NO	
150	1355	372214057371355	8					109	539	50	10-FEB-23	EMPTY		NO	

Animals that are "Marked for Culling" or "Empty" are automatically ranked at the bottom.

What does C.O.W. include?



*C.O.W. is only available for Spring Calving herds with a minimum of 3 milk recordings.

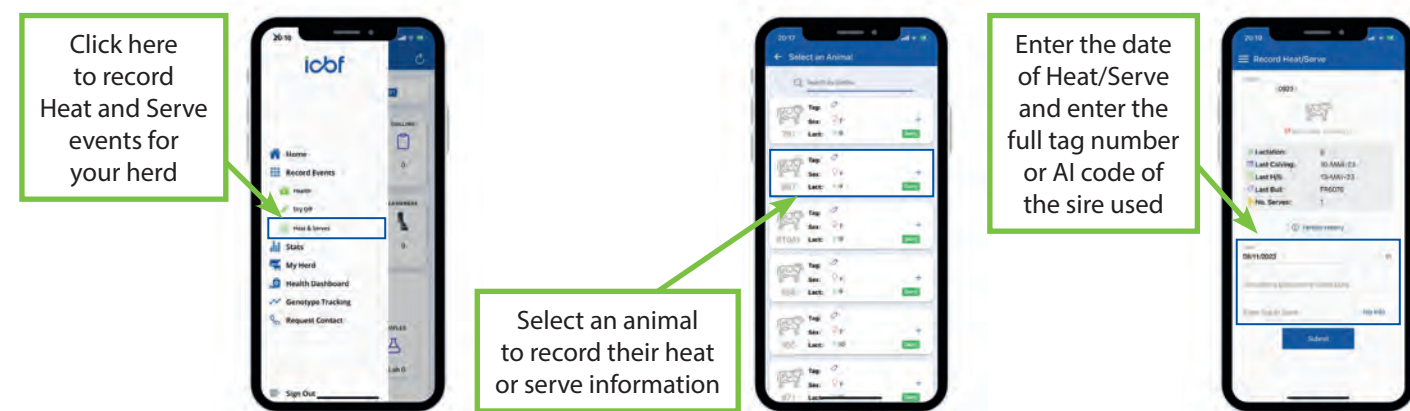
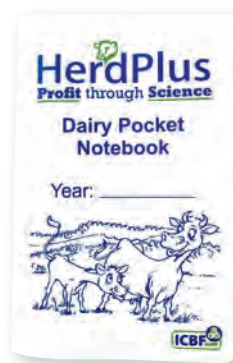
Record Events

Data Recording

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

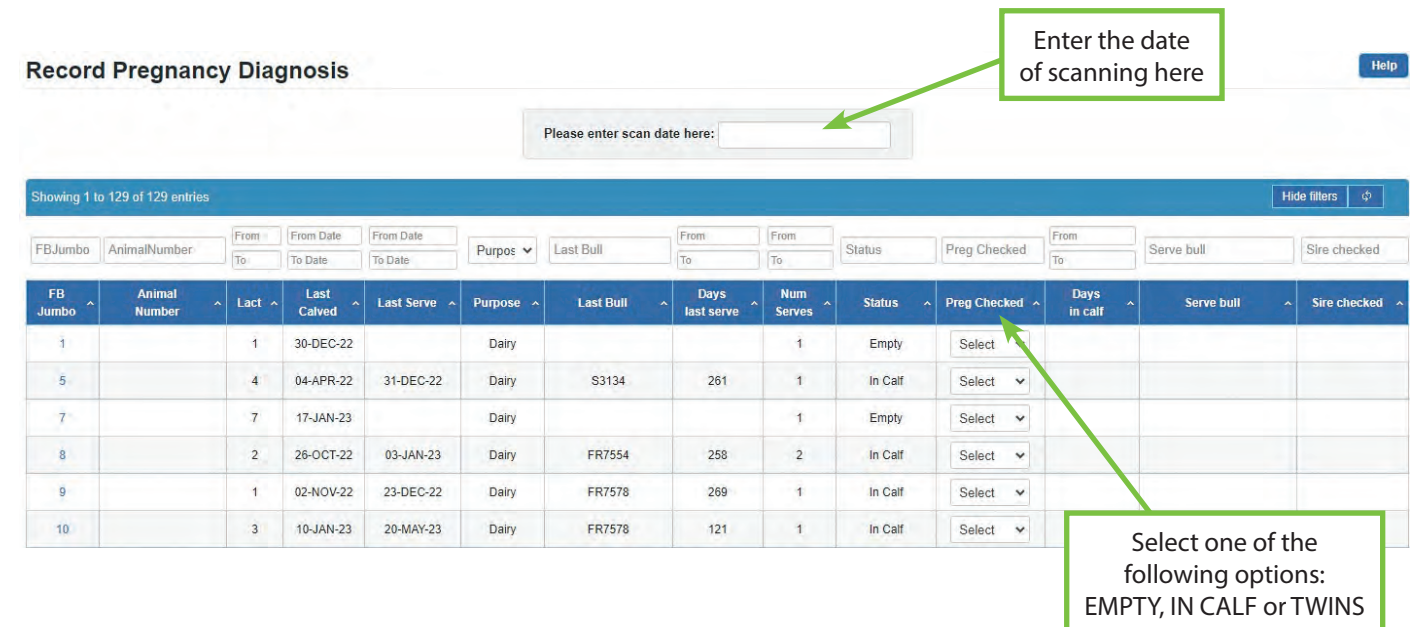
Record Heat & AI/Serve

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. If using an AI technician, the AI data is received from your technician's handheld.



Record Pregnancy Diagnosis

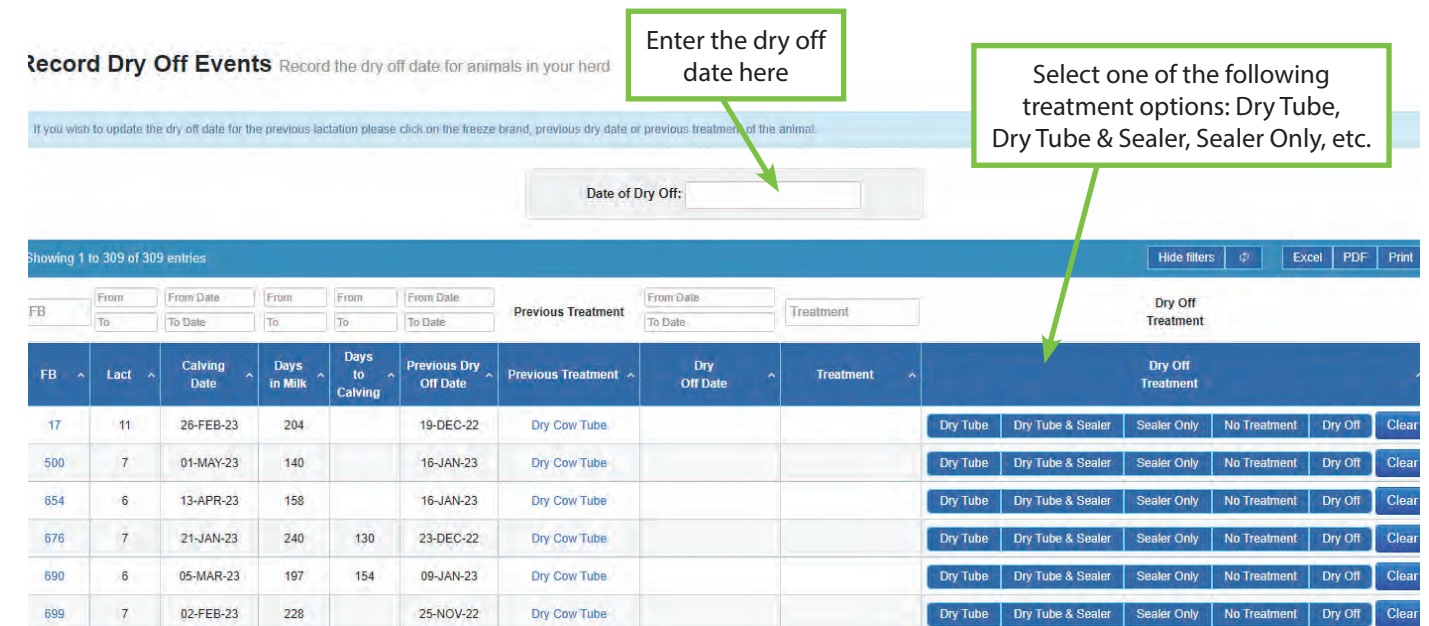
By recording scanning results, expected calving dates will be generated for your herd. In the case that there are no serves recorded, farmers can record estimated number of days in calf as communicated by the scanning technician.



Record Events

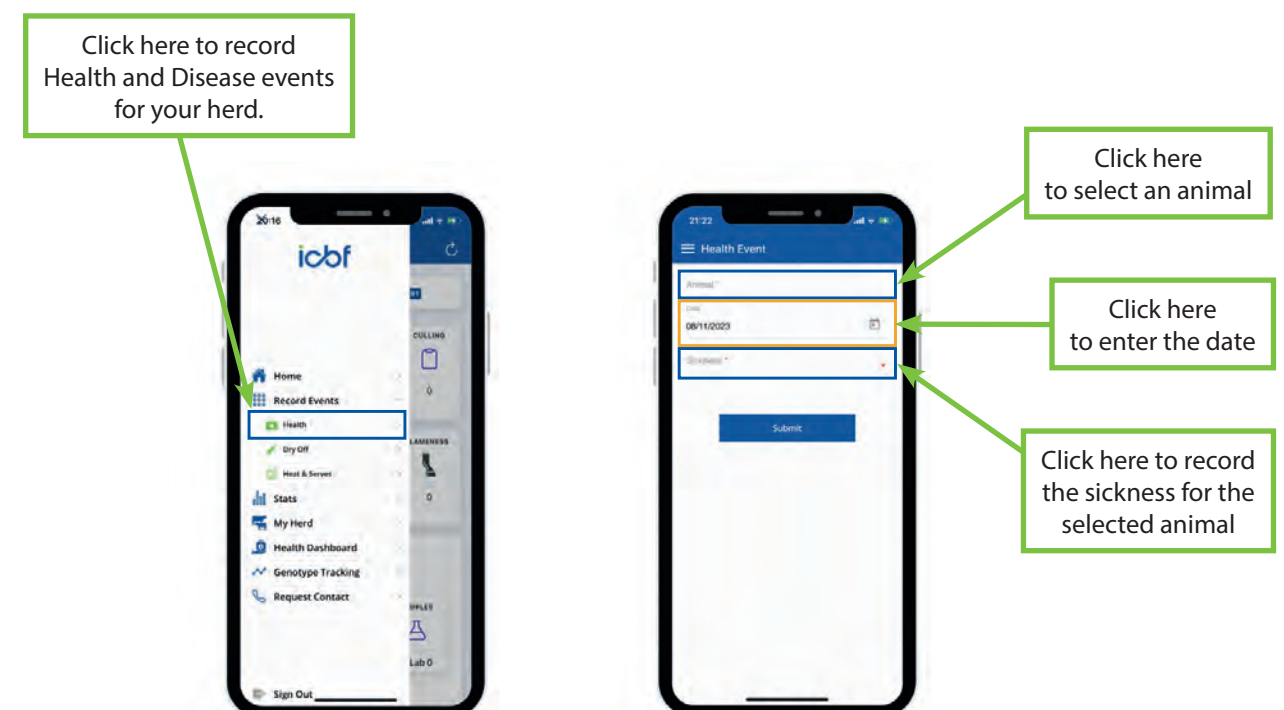
Record Dry-Off

Accurate recording of dry off dates are important for a cow to have a valid lactation in your herd. This information is then displayed on milk recording reports, sales catalogues and genetic evaluations.



Record Health & Disease

Recording instances of health and disease for animals in your herd will help to improve the accuracy of the Health sub-index. Events such as lameness, mastitis, retained placenta and much more can be recorded here.



Mark for Culling

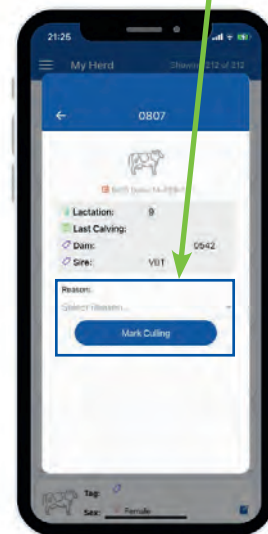
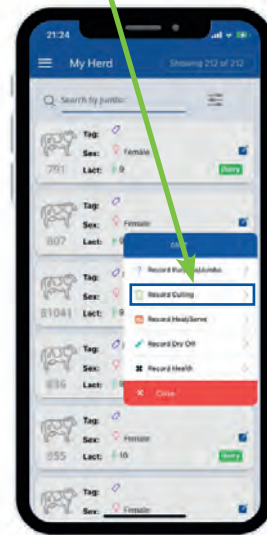
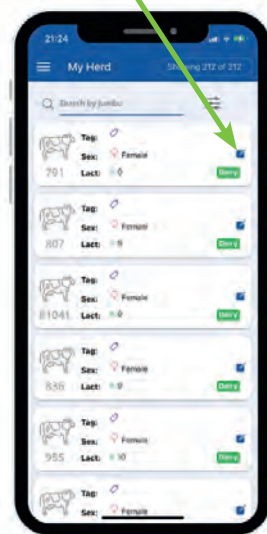
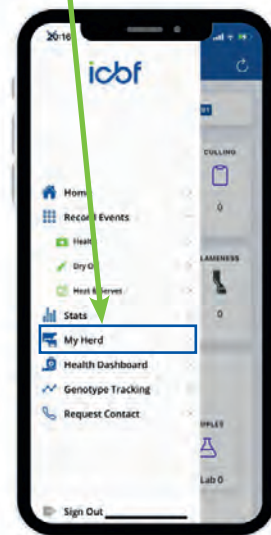
Marking cows for culling will improve the accuracy of the information in the various profiles and reports accessible to the farmer.

Click here to mark cows for culling

Click on the blue icon to select the animal

Click here to mark this cow for culling

Select the reason for culling and then click "Mark Culling"



Record Missing Sire

Recording the sire of a calf is optional at birth. However, without a sire on the database, ICBF cannot generate an EBI for that animal. All animals in the herd with no sire recorded will appear on this screen.

Record Missing Sire Record the sire of the animals below, or mark the sire as unknown.

Select to view animals currently in the herd or historically and click Go

Animals currently in your herd are listed. Select Animal Type: current Go

Showing 1 to 84 of 84 entries Hide filters Excel PDF Print

Animal Number	Sex	Date of Birth	Purpose	Breed	Dam	Previous Error	Sire
	F	20-MAY-23	Dairy	HO (88%)			372222061963002
	F	02-MAY-23	Dairy	HO (88%)			Unknown Sire
	F	01-MAY-23	Dairy	HO (88%)			FR4187
	F	28-APR-23	Dairy	HO (88%)			Unknown Sire

Enter the full tag number or AI code of the sire

Click here if the sire of the animal is not known

Dairy Cow Report

Individual cow performance can be analysed in great detail to make the best breeding and culling decisions by using the Dairy Cow Report.

The following information is available on this report:

1. Ancestry
2. Calving & Fertility
3. EBI sub-indexes
4. Milk production

Click "Download Report" to receive the most up to date report on your dairy cows

Dairy Cow Report

13-Nov-23

Download Report

Note: Select Date for Dairy Cow report

Animal Details		Details & EBI Indexes	
Jumbo Tag	24	Sire	LWR (€240)
Name	09-Feb-17	Dam	
DOB	HO 71.9%	Dam's Sire	SOK
Breed	6y 7m	EBI	Milk Fert Carbon Calv Beef Maint Mgmt Health
EBI Rank	7	€293*	€47 €186 €11 €43 €1 €3 -€2 €4
In Herd	Born in herd	Milk Kg	Fat Kg Prot Kg Fat % Prot % Calv Int. Survival
Status	Milking	195	0 11 -0.13 0.07 -10.2 days 4.7%
Due Calve	09-FEB-24	FR6981	ExpEBI €318
Calving & Fertility		Milk Production	
Lact	Calved	Calv Jumbo	Sex On Farm Num Calv Int
1	20-Mar-19	1367	F N 1
2	10-Feb-20	107	F Y 1
3	29-Jan-21	1466	M N 1
4	10-Feb-22	1589	F N 1
5	11-Feb-23	1690	M N 1
Avg (Comp)		356	
Lifetime Production		33328	1090 1220 3.27 3.66 2310 1327

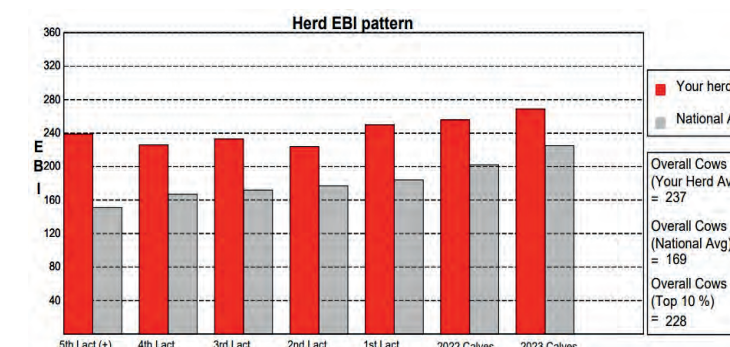
EBI Report

The EBI Report outlines herd performance in terms of overall EBI and each of the sub-indexes to help breed the most profitable and efficient animals for your herd.

Get an overview of the breeding values for each animal in your herd and benchmark your herd against the National Average and Top 10% for herd EBI and the eight sub-indexes.

HerdPlus		Economic Breeding Index (EBI) Animal Report (Cows)		icbf	
Call 023-8820452		Report Date: (Jul 2023 Evaluation)		Herd Owner:	
Herd No:		Herd No:		Herd No:	
* The Genetic evaluation data for this animal contains a Genomic component					
FB	Cow ID	Sire ID	Sire EBI	C. Date	Milk Kg
Name	Breed	Dam FB	Dam EBI	Age	Fat Kg %
2	FR4368	140	05/02/2023	344	€ 104
HO 93.8% FR 6.3%	36	216	2y 7m	18.2 0.08	€ 79
	HZB	159	1	16.6 0.08	€ 13
3	HZB	159	03/03/2023	447	€ 89
HO 96.9% FR 3.1%	72	155	7y 6m	11.3 -0.10	€ 9
	KOZ	281	6	11.0 -0.07	€ 16
				Fertility	Carbon Calving Health
				Beef Maint Mgmt	EBI €
				Ret%	Rank
				€ 217 *	
				€ 188 *	
				€ 16	74 % 74

Compare your herd's EBI to the National Average by lactation.



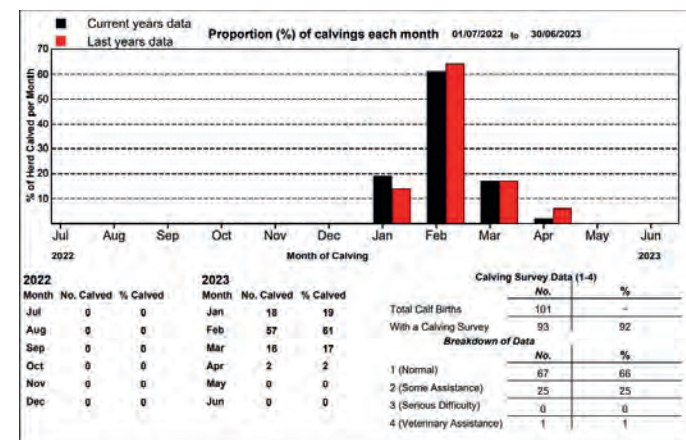
Compare your top and bottom 10 cows on EBI, Milk and Fertility sub-indexes.

HerdPlus		Economic Breeding Index (EBI) Top/Bottom cows - Jul 2023		icbf	
Call 023-8820452		Report Date: (Jul 2023 Evaluation)		Herd Owner:	
Herd No:		Herd No:		Herd No:	
TOP 10 COWS ON EBI					
Jumbo	Lac	Milk	Fert	Calv	Other
1	89	9	€76	€224	€39
2	50	1	€81	€185	€38
3	106	10	€47	€201	€40
4	81	7	€33	€198	€35
5	91	8	€92	€131	€37
6	77	1	€83	€159	€56
7	24	5	€47	€186	€43
8	117	3	€138	€96	€48
9	99	1	€121	€101	€33
10	31	2	€97	€122	€45
BOTTOM 10 COWS ON EBI					
Jumbo	Lac	Milk	Fert	Calv	Other
1	39	2	€107	€44	€30
2	83	4	€69	€79	€45
3	75	4	€53	€75	€29
4	21	7	€50	€67	€35
5	57	2	€74	€78	€46
6	92	4	€43	€72	€51
7	82	5	€81	€73	€46
8	117	3	€117	€27	€18
9	3	6	€48	€89	€39
10	18	7	€84	€77	€42

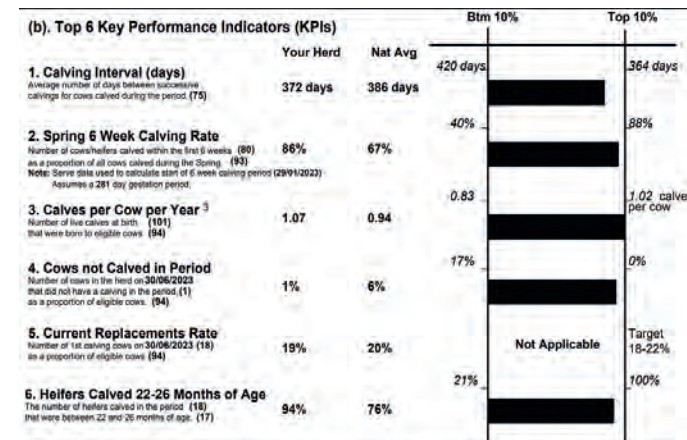
Dairy Calving Report

Use the Dairy Calving Report to get an in depth assessment of the calving performance in your herd.

View the summary of calving records by month and calving survey data.



Benchmark your herd against the National Average and Top 10% for Key Performance Indicators (KPI's) such as Calving Interval, Six-Week Calving Rate and many more.



Fertility Reports

The Weekly and End of Season Fertility Reports looks at both calving data and submission rates to summarise the fertility performance of your herd at key times in the breeding season.

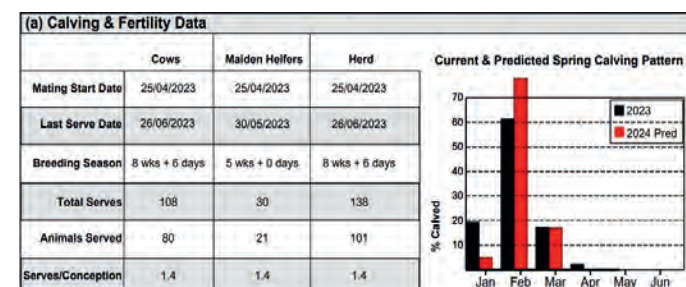
Weekly Fertility Report

View the numbers of spring dairy calving events in your herd along with a summary of important calving dates and trends.

Mating Start Date (MSD): 25/04/2023 (Cows) 25/04/2023 (Heifers)	
(a). Calving Summary Data - Report is based on dairy cows that calved from 20/01/2023	
Start Calving	Median Calving
Cows 20/01/2023	13/02/2023 (25 days)
Heifers 18/01/2023	11/02/2023 (25 days)
Herd 18/01/2023	12/02/2023 (26 days)
Total Dairy Calvings 93	
Total Dairy Calves Born 101	

End of Season Fertility Report

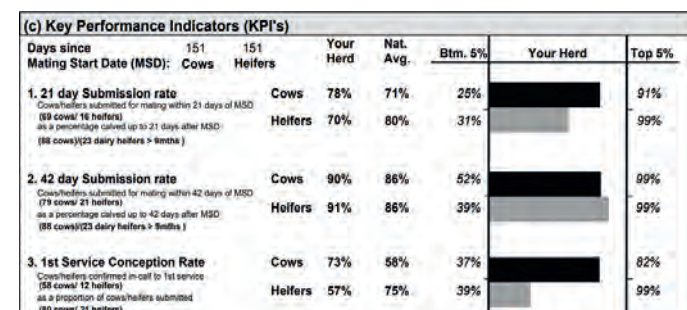
Analyse the current and predicted calving pattern for your herd to implement appropriate management decisions.



Keep a close eye on the Action List for your herd to identify cows not yet served or confirmed pregnant.

(g). Action List - Cows not yet submitted for service that have calved greater than 30 days					
Note: The following cows may have reproductive problems and should be investigated further.					
Jumbo/Animal number	Lact	Calving Date	Calving Difficulty	Days Calved	Notes
52	3	24/01/2023		240	
98	7	14/02/2023	Normal Calving	219	

Benchmark your herd against the National Average and Top 5% for Fertility KPI's such as submission and conception rates.



The progress bar above shows which page the user is on while running Sire Advice. This can also be used to jump back pages by selecting the button below each page title. There are 2 options for running Sire Advice.



Manually enter bulls is the following page which can be skipped to using the second option for running sire advice.



Sire Advice Plus first allows for selections to be made for the females.

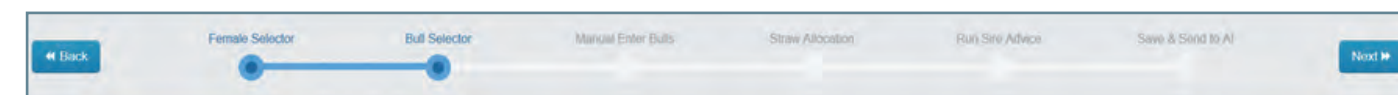
Female Selector

- Females can be selected for culling, sexed mating, beef mating, crossbred mating and selective mating using the tick boxes.
- Females selected for culling are then excluded from the allocation.
- The females marked for crossbreeding are then allocated to bulls to maximise heterosis.
- The females marked for Sexed will receive one dairy bull mating.
- A count updates with the number of selections in each category.

Sexed	Default	Culling	Beef	Selective Mating	Cross-breed
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Female Selector Choose animals to be matched with bulls through sire advice, or specify intended matings.

Female Selections on Screen: Default: 199 | Sexed: 0 | Culling: 3 | Beef: 5 | Selective Mating: 1 | Cross-breed: 0



Bull Selector

- Select bulls from the Current Active Bull list, all AI bulls or the beef bull list.
- As you use the filters to refine your selection, the bulls on the screen will change.
- Click on 'Select Bull' to add the Bull to the Bull Team
- Note the figures listed in brackets are your herd's average EBI's as per your recent EBI report.

Search for Bulls:

Act. Bull List | All AI Bulls | Beef Bulls

Breed

Dairy EBI Index

EBI (€191) 101 410

EBI Reliability (42%) 47 99

EBI Sub-Indexes

View Bull Team 10 Bull Team Reliability: 92%

	EBI €	Rel %	Milk €	Fert €	Fat Kg	Prot Kg	Fat %	Prot %	Heif Calv Diff.	Cow Calv Diff.
My Herd Avg	191	42	68	70	11.0	7.8	0.18	0.12		
Bull Team Avg	385	92	95	198	16.0	11.0	0.28	0.18	5.63	2.30
Bull Team DBI Avg									159	78

AI Code	Bull Name	AI Bull Team	Sire	EBI €	Heif Calv Diff.	Cow Calv Diff.	Ped Status	Cow	Heif	Action
FR7752	OLCASTLETOWN CASPER	FR5960	381	4.20	1.80	PED	✓			Remove
FR6060	IGIBALLINROE XAAR	FR4728	381	6.10	2.50	PED	✓			Remove

Manually Enter bulls

If "Manually Enter Bulls" is selected on the home screen it takes you to this point. This is where users will directly enter bulls.

Select if this bull will be used on cows or heifers.

The **Straw Allocation** screen allows the user to change the percentage usage or the number of straws for each bull depending on the selections made in the Female Selector. The bulls identified for each female category will show on the respective Straw Allocation pages.

Straw Allocation 1 of 4 - Cows Choose straws for cows. For heifers go to next screen.

Allocate By: Usage (%) Usage: 100 % Straws: 141 Total Cows: 141

Code	Bull Name	Sire	Dairy Heifer CD%	Dairy Cow CD%	EBI	Rel %	Pedigree Status	Proof Source	Allocate for Cows
FR847	IGSTAMULLEN LUNASA SRM	FR898	5.3	3.0	410	89	SRM	GS	12.77
FR841	BROWNIE BARNIA SRM	FR717	6.9	2.4	379	71	SRM	GS	12.77
FR898	IGWALLINDE MAAR	FR478	5.9	2.9	381	89	PED	GS	12.77

Sire Advice Results

Sire Advice results shows the allocation for each of the cows in your herd. Three dairy matings are proposed for each female and three beef matings if the Dairy Beef Mating function is enabled. If an animal was selected for sexed semen, she will receive one dairy sexed mating which is signified by an (S). The "Detailed with Sub Indexes" tab and the "Detailed with Traits" tab both show the expected progeny performance, as a result of the Bull 1 mating. This screen can be converted to Excel, using the Excel button in the top right corner.

Sire Advice Results The predicted outcome of selected matings

Showing 1 to 50 of 205 entries

Freeze Band	Tag Number	Option 1	Option 2	Option 3	Dairy Beef 1	Dairy Beef 2	Dairy Beef 3
791	IE19189134791	FR841	FR772	FR860	AA756	AA752	AA849
807	IE19189132807	FR760 (S)	AA756	AA849			
836	IE19189137836	For Culling					

Save and Send to AI technician

To have these selection on your Herd Plus Breeding Chart and AI technician's handheld, select "Send Now". Sire advice can be run as many times as you wish and the most recent selection will appear on handhelds and breeding charts.

Sire Advice Complete Send Sire Advice results to handheld device

Please select **Send Now** for your sire advice selections to be sent to AI technician handhelds and Breeding Chart for printing. Select **PDF** to view the PDF version of your selection and results.

[View PDF](#) [Send to Breeding Chart/AI Handheld/Herd Management Apps](#)

Inbreeding Checker & CBV Predictions

The Inbreeding Checker allows a farmer to check for possible inbreeding if females are mated with specific AI sires or stockbulls prior to mating.

Inbreeding & Parental Average Predictions

Female Input Screen for

Run checker on All, Beef only or Dairy only females in the herd

You can select Eligible or All Females

You can select to receive Inbreeding results or CBV predictions

Enter AI code or tag number of stockbull

Click Submit to run

Animals that have no sire recorded cannot be run through the Inbreeding Checker. Inbreeding levels of 6.25% or less is deemed acceptable.

Inbreeding Results

Disclaimer
We have chosen 6.25% or greater as the cutoff for inbreeding. A mating resulting in inbreeding below this is allowed. This figure is a generally accepted rule of thumb for the maximum level of inbreeding. If you want to keep the inbreeding level lower than this, please click on the detailed section to see exact inbreeding for the offspring of a particular mating.

Inbreeding Table

Inbreeding %	Description
6.25%	Two Common Grandparents
12.5%	Half Brother - Half Sister Mating
15.5%	Grandfather - Granddaughter Mating
25%	Full Brother - Full Sister Mating
25%	Parent - Offspring Mating

Detailed View

Freeze Band	Animal Number	Date of Birth	Breed	FR847 (S)	FR860 (S)	FR871 (S)
3522	3422	FEB-11	HO (84%) FR (16%)	OK	OK	OK
3329	3329	FEB-12	HO (81%) FR (19%)	OK	OK	OK
3885	3885	JAN-13	HO (84%) FR (16%)	6.64	OK	OK
3328	3328	MAR-13	HO (81%) FR (19%) MY (0%)	8.94	OK	OK

CBV Results

Disclaimer
These results are **assumptions** based off of the current data from both Animals.
Default View on this page (CBV) is based on Across Breeds values. Please use dropdown below for other ratings.

Select: Dairy x Dairy

View the CBV percentiles for each breed type

CBV Index Breed Percentiles (September 2023)

	★	★★	★★★	★★★★	★★★★★
Across Breeds	€23	€89	€192	€261	
Suckler	€199	€237	€265	€283	
Dairy x Beef	€52	€72	€93	€125	
Dairy x Dairy	€19	€4	€8	€21	

View the star rating or the index figure with this toggle

Detailed View

Freeze Band	Animal Number	Date of Birth	Breed	FR847 (S)	FR871 (S)	FR898 (S)
1	1566	14-OCT-20	HO (100%)	€19	€-1	
5	2383	19-FEB-17	HO (100%)	€14	€-3	€-2
7	1045	01-AUG-14	HO (100%)	€4	€-13	€-12
8	1219	21-DEC-19	HO (100%)	€-1	€-18	€-17

Nitrates Band

This application is available to all dairy farmers to submit their nitrates band to the Department of Agriculture. This will now be a mandatory requirement to be completed annually.

Nitrates Banding 2023

Please select one of the banding options and click on the Submit to DAFF button

Option 1 - 3 Year Average Band
Average Kg/cow over a 3 year period

Year	Number Cows	Total Litres	Total Kgs	Kgs Per Cow	Band
2020	188	1,322,458	1,381,720	8,105	
2021	187	1,300,990	1,401,398	8,302	
2022	183	1,403,876	1,487,042	8,181	
Total Avg	Average Cows: 173	Average Litres: 1,375,107	Average Kg: 1,420,053	Average Kg/Cow: 8,208	Band: 8.500kg

Option 2 - Last Calendar Year Band
Kg/cow for the latest completed milking year

Year	Number Cows	Total Litres	Total Kgs	Kgs Per Cow	Band
2022	Average Cows: 183	1,403,876	1,487,042	8,181	Band: 8.500kg

Option 3 - 2023 Milk Data - Kg/cow for the upcoming milking year

Year	Band
2023	Band: 8.500kg and All Data

DISCLAIMER: The Figures have been prepared by ICBF in good faith on the basis of information provided to it by the owner, DAFF and other third parties as well as information held by ICBF. The Figures are made available by ICBF for information purposes only. No representation or warranty expressed or implied is made by ICBF as to the accuracy, reliability, completeness or correctness of the Figures. ICBF shall not be liable for any loss, damages, costs or expense incurred or arising by the owner or any other person using or relying on the Figures and, to the fullest extent permitted by law, ICBF disclaims any liability whatsoever for any loss (whether direct, indirect or consequential) arising from any use of these Figures.

Select one nitrates band option for your herd

Click here to submit your nitrates band to the Department of Agriculture

Sales Catalogue

Create a sales catalogue for selected animals in your herd by logging into your HerdPlus account.

Total: 320 animals
Selected: 4 animals

Select your Animals for the Catalogue

Click here to proceed

Select animals to include in your catalogue

Select catalogue type and then "Generate Catalogue". You can then download the PDF.

This is an example of a Dairy Commercial Catalogue.

LOT 1									
3260 (3260) EBI €325					HO (88%),FR (13%) 20-Mar-2023 Female				
Overall Indexes	EBI	EBI Rel	Milk	Fert	Carbon	Calv	Beef	Maint	Mgmt Health
	€325	59%	€117	€160	€3	€29	€2	€3	€9
Milk Traits	Milk Kg	Fat Kg	Prot Kg	Fat %	Prot %				
	31	21.43	12.84	0.35	0.20				
Fertility Traits	CI	Survival							
	-10(days)	2.7(%)							
Calving Traits	Gestation	Risk of dairy heifer calving diff	Heifer cdiff (%)	Cow cdiff (%)					
	-1.89(days)	N/A	5.9 (Rel:58%)	2.1 (Rel:68%)					
Owner	Sire: Santry Lion King (FR6984) €300								
	Dam's Sire: Radney Mill VG 86 (FR4557)								
Yield Data of Dam:	Milk Kgs	BF%	PR%	BFKgs	PrKgs	SCC	Days	Lact	Calving Date
	6174	4.70	3.94	290	243	95	272	1	18-02-21
	8019	4.28	3.79	343	304	22	305	2	27-01-22
	7948	4.39	3.85	349	306	14	305	3	20-03-23 (proj)

Kevin Flynn, Co. Laois

"At home, I have a pedigree herd of Holstein Friesian cows and the HerdPlus service provides me with a large amount of information at my fingertips. Being able to access pedigree information and more under one umbrella is really beneficial. I can monitor my herd's performance regularly and identify the strengths and weaknesses by analysing important KPI's. The 5 year trend reports really help to visualise the breeding decisions being made and what influence they are having on farm. For me, the sales catalogue feature is crucial when offering surplus females and stock bulls for sale, since it provides potential buyers with the most recent details on my animals. The Milk Recording Lifetime Profile is important to identify the cows that are doing the business for me in terms of kgs of milk solids and SCC. Combining both the genetic information and conformation traits of my animals helps me to breed long-lasting, functional and profitable cows."



James Cotter, Co. Cork

"In reality the ICBF HerdPlus is a tool that helps the farm to be as profitable as possible. Sire Advice allows me to select the highest EBI sires and my highest performing cows to breed from in order to be sustainable and profitable in the future. I find the calving and fertility reports very useful as they assist me greatly during the busy spring period. I have been a participant in the DNA Calf Registration Pilot Programme in recent years.



The genomic information I get on all of my animals through this has really increased the value of my herd as I now have a greater insight into the genetic potential of the animals on the farm. The use of ICBF helps me to breed a desirable cow that suits my farming system overall. HerdPlus is an invaluable tool to have available and I would recommend it to other farmers who want to maximise the potential of their farming enterprises through genetics."

Geoffrey McClay, Co. Donegal

"For many years, we have been running a pedigree Holstein Friesians herd and have been availing of the HerdPlus service for as long as I can remember. I signed up to HerdPlus to access the figures and percentages for my herd. There has been steady improvement in the EBI of the cows over the last number of years. I take it as a given that we all have access to the information and reports available from HerdPlus. It is built into the running of my farming enterprise and without it, you are farming in the dark. It is good value for money and the benefits to be got are vitally important to improve the genetics of the animals. I log in to check calving, fertility and milk reports regularly along with the genetic evaluations on my young stock. This allows me to make informed breeding decisions based on reliable data. There is a wealth of information available at the touch of a button and I would strongly recommend HerdPlus to anyone interested in improving the performance of their herd."



Try out our new and improved HerdPlus App

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



Scan the QR code
to download
for FREE today!

- Instant access to herd statistics on calving & fertility, milk recording, etc.
- Record serve, dry-off and health data anytime, anywhere
- Stay tuned for regular improvements to come!

Useful Contact Information

■ DAFM

Main Switchboard: **057 8674400**
Agfood: **049 4368288**

■ National Calf Registration & Movements

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

■ Milk Recording Organisations

Munster Bovine: **022 70805**
Progressive Genetics: **046 9541230**
Tipperary Co-op: **062 33111**
Dairy Data: **087 6064344**

■ Other

BVD Helpline: **091 507 648**
Animal Health Ireland: **071 9671928**
Weatherbys: **045 875521**
Bord Bia: **01 6685155**