



Identifying cows for Dairy AI, Sexed Semen and Beef AI

Teagasc/ ICBF Breeding Week

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AgTech - it's in our DNA

Basics First-Record Missing Sires

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

Un-do Changes Help

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

Showing 1 to 18 of 18 entries (filtered from 37 entries).

Hide filters Excel PDF Print

Animal Number	Sex	From Date	Purp	Breed	Dam	Previous Error	Sire
372219945820993	F	26-JAN-18	Dairy	HO (84%), FR (6%)	IE191232830792	Enter AI code or tag number or stock bull	<input type="text"/>
372219945881048	F	15-FEB-19	Dairy	HO (72%), JE (16%)	IE191232810675		<input type="text"/>

- Update to generate accurate EBI's
- Improve Reports Such as EBI
- Ensures inbreeding checker is valid on both Sire Advice and AI technician Handheld/App
- If not recorded accurately-inbreeding checker is of no benefit

Base Cow

	Milk Kg	Fat Kg	Prot Kg	Fat %	Prot %	Weighting	Calv Int	Sur%
Parity 1	5538	216.3	188.0	3.91	3.39	0.41		
Parity 2	6246	243.7	216.1	3.90	3.46	0.33		
Parity 3+	6587	258.0	227.1	3.92	3.45	0.26		
Base Cow Performance	6044	236.2	207.5	3.91	3.43	1.00	398.8	85.3

- 6044 milk kgs
- 444 kgs of solids
- 3.91 % fat
- 3.43 protein
- The base for production and fertility is 2005 born cows, calved and milk recorded in 2007, with at least 2 years out of 5 milk recorded. This was updated in December 2017.

EBI Rankings

National ranking of herds and cows on EBI

All Dairy and Dual purpose herds which have 30 or more dairy cows are included in the calculation of these National Statistics.

	Top 1%	Top 5%	Top 10%	Top 25%	Ave.	Btm 25%	Btm 10%	Btm 5%	Btm 1%
2023 Heifers	€304	€274	€260	€236	€207	€169	€124	€93	€27
2022 Heifers	€291	€259	€244	€222	€194	€157	€112	€80	€10
Cows EBI	€266	€235	€220	€195	€161	€112	€45	€-11	€-120
Herd EBI	€219	€203	€195	€180	€160	€136	€104	€75	€12
Herd Milk	€71	€64	€60	€53	€44	€32	€17	€7	€-9
Herd Fertility	€102	€88	€83	€75	€66	€55	€34	€11	€-28

- If low in EBI....what heifers should I buy or try to breed?
- How do my cows and heifers compare to the average, top 25/10%?

Look Back to Plan Ahead-Fertility Profile

Fertility Profile The fertility of animals currently in the herd.

Showing 1 to 21 of 21 entries (filtered from 327 entries). Hide filters Excel PDF Print

Jumbo	Animal Number	Contract Rearing	Lact	Purpose	Last Calving	Last Served	Last Bull	Sexed	No. Serves	Days Last Serve	Last Preg Diag	Last Preg Scan Date	Dry Date	Expected Calving Date
2817	372222061912817	N	0	Dairy		29-MAY-22	372216209210273		3	295				08-MAR-23
2610	372222061912610	N	2	Dairy	27-JAN-22	06-JUN-22	FR6984		3	287	IN CALF	31-AUG-22	22-DEC-22	12-MAR-23
2801	372222061922801	N	1	Dairy	04-FEB-22	12-JUN-22	FR8037		3	281	IN CALF	31-AUG-22	21-DEC-22	18-MAR-23
2425	372222061962425	N	3	Dairy	09-MAR-22	13-JUN-22	FR6472		3	280			21-DEC-22	19-MAR-23
2107	IE151013722107	N	5	Dairy	08-MAR-22	16-JUN-22	FR6472		3	277	IN CALF	31-AUG-22	22-DEC-22	22-MAR-23
2809	372222061912809	N	1	Dairy	16-JAN-22	16-JUN-22	FR7752		3	277			21-DEC-22	22-MAR-23
2173	IE151013732173	N	4	Dairy	19-FEB-22	17-JUN-22	FR7860		4	276	IN CALF	31-AUG-22	22-DEC-22	23-MAR-23
2867	372222061922867	N	0	Dairy		15-JUN-22	372216209210273		3	278	IN CALF	31-AUG-22		25-MAR-23

IE151013722107

Jumbo: 2107
 Animal Number: IE151013722107
 Sex: Female
 Date Of Birth: 27-JAN-2016
 Animal Name: PARKDUV IRIS 116

Status: Born On Farm 2609 days ago
 Breed: HO (84.38%), FR (15.63%)
 Dam: IE151013761780 PARKDUV IRIS 98 Dam Verified (SNP)
 Sire: PKX PARKDUV MAGNET Sire Verified (SNP)

Genotype available for animal; genomics accounts for 26% of the animal's overall index

EBI Pedigree Weight **Fertility** Milk Progeny Type Prev. Eval. Carbon Other

Activity Type	Date	Details
Pregnancy check	31-AUG-22	In-Calf
Artificial insemination	16-JUN-22	FR6472 - ARDALLEN FERGUS
Artificial insemination	25-MAY-22	FR7731 - BROWNEY GLENA
Artificial insemination	03-MAY-22	FR7731 - BROWNEY GLENA
Calving	08-MAR-22	Some Assistance

Calved	Lact	Serves	Calv Int.
08-MAR-22	5	3	328
14-APR-21	4	2	445
25-JAN-20	3	3	344
15-FEB-19	2	1	393
18-JAN-18	1	1	

- Who preformed best in 2022- Went in calf to the 1st serve?
- What cows took 3 or more serves to go in calf or not at all
- Calving date information-2023
- Fertility profile will highlight these cows very quickly

Heifers are best-Dairy Weighing Profile?

Dairy Weighing Profile View dairy heifers in the herd with a weight recorded.

Weight Summary of Dairy Replacements						
Groups	No. Weighed	Avg. Age	Avg. Weight (Kg)	Min Weight (Kg)	Max Weight (Kg)	Average Daily Gain (A.D.G) Birth
3-6 Months						
6-18 Months	56	7.8 mts	202	160	255	69
18-24 Months						

Showing 1 to 141 of 141 entries Hide filters Excel PDF Print

From Date From From From Date From From From From From From
 To Date To To To Date To To To To To To

Animal Details							Weighing Details						
FB Jumbo	Animal Number	Breed	Sire	DOB	EBI €	Main SI €	Last Weight Date	Age at Weighing (Months)	Last Weight (Kgs)	A.D.G Birth (Kgs)	A.D.G Last Weighing (Kgs)	Target Weight	Difference from Target Weight (Kgs)
2815		HO (84%) FR (16%)	FR5839	17-JAN-21	250	11	01-OCT-21	9	222	0.71	0.71	230	-8
2816		HO (84%) FR (16%)	FR4728	18-JAN-21	278	7	01-OCT-21	8	214	0.68	0.68	235	-21
2817		HO (84%) FR (16%)	FR4547	19-JAN-21	218	7	01-OCT-21	8	214	0.70	0.71	235	-21
2819		HO (78%) FR (22%)	FR5698	20-JAN-21	207	7	01-OCT-21	8	198	0.61	0.64	235	-37
2821		HO (81%) FR (19%)	FR5133	22-JAN-21	253	12	01-OCT-21	8	217	0.71	0.71	226	-9
2825		HO (81%) FR (16%)	FR4728	24-JAN-21	306	8	01-OCT-21	8	211	0.67	0.68	230	-19
2823		HO (97%) FR (3%)	FR4573	24-JAN-21	211	2	01-OCT-21	8	255	0.87	0.90	240	15

- Access a specific animal weight quickly and easily.
- Were heifers housed at target weights when compared to their maintenance sub index?
- Heifers that are not meeting target weights highlighted in red.
- Click on the blue animal number to view even more information on the animal. E.g., Lactation Summary, Fertility, Ancestry data etc.
- View previously recorded liveweights on the animals.
- This profile is also available on the HerdPlus app.

Target Body Weights Guidelines for Dairy Heifers

6 months 30% mature BW

15 months 60% mature BW

24 months 90% mature BW

Carcass Merit Profile

Carcass Merit Profile - View the carcass weight trait values of animals in the herd.

Showing 1 to 33 of 33 entries (filtered from 48 entries). Hide filters Excel PDF Print

FB Tag 01-Jan-2014 Sex Breed Purpose Lact Sire Geno From To

31-Dec-2021

FB	Tag	DOB	Sex	Breed	Purpose	Lact	Sire	Geno	Carcass Wt Kg
576	372215935460576	11-FEB-20	F	HO (78%), FR (22%)	Dairy	2	FR2239	Y	2.40
614	372215935420614	21-FEB-21	F	HO (81%), FR (16%)	Dairy		FR4513	Y	2.30
558	372215935440558	04-MAR-19	F	HO (63%), NR (13%)	Dairy	1	FR2298	Y	2.00
438	IE141761950438	03-MAR-15	F	HO (81%), FR (16%)	Dairy	4	OCP	Y	0.60
444	IE141761930444	12-MAR-15	F	HO (91%), FR (3%)	Dairy	5	PKR	Y	0.50
587	372215935490587	25-FEB-20	F	HO (78%), FR (22%)	Dairy	1	FR4338	Y	0.40
554	372215935490554	02-MAR-19	F	HO (84%), FR (13%)	Dairy	2	LWR	Y	-0.20
608	372215935440608	18-FEB-21	F	HO (56%), FR (28%)	Dairy	1	FR2239	N	-0.30
518	372215935450518	05-MAR-18	F	HO (75%), FR (16%)	Dairy	2	FR2239	Y	-0.50
415	IE141761970415	25-MAR-14	F	HO (88%), FR (9%)	Dairy	6	ABO	Y	-0.70
493	372215935460493	07-MAR-17	F	NR (50%), HO (47%)	Dairy	4	TGK	Y	-1.30
607	372215935430607	18-FEB-21	F	HO (81%), FR (13%)	Dairy		OPH	Y	-1.30
551	372215935460551	28-FEB-19	F	HO (78%), FR (19%)	Dairy	3	FR2239	Y	-1.40
588	372215935410588	24-MAR-20	F	HO (53%), NR (25%)	Dairy	2	FR4338	Y	-1.80
469	IE141761930469	07-MAR-16	F	HO (69%), FR (19%)	Dairy	4	OCP	Y	-2.40

- Review cows in herd with positive and negative carcass values
- How many cows in your herd are positive or negative?

Poor Performers-who are they?

C.O.W. (Cow's Own Worth) Profile Click on an Animal Number or Jumbo to view more details.

Help PDF Help



Record Events

Missing Sire
2 Missing

Heat & AI/Serve
0 Cows Served

Pregnancy Diagnosis
0 Cows Scanned
0% Empty

Dry-Off
11 Cows

Mastitis & Lameness
0 Mastitis Case(s)
0 Lameness Case(s)

Mark For Culling
0 Cows Marked

Eligible Animals Missing Animals

Showing 1 to 80 of 80 entries

Hide filters Excel PDF Print

Rank	Animal Details			C.O.W. Components				EBI	Fertility			SCC	Other	
C.O.W. Rank	Jumbo	Animal Number	Lact	C.O.W. (€)	Current Lact Profit (€)	Future Lacts Profit (€)	Net Replace Cost (€)	EBI (€)	Last Calving Date	Preg Diag	Expected Calving Date	SCC (,000 c/ml)	Marked For Culling	Dried Off
80	2500	2500	8	406	-53	-87	546	107	31-JAN-23			69	NO	
79	529	0529	4	666	-478	469	675	217	29-JAN-23			1067	NO	
78	694	0694	2	742	-63	-141	946	73	20-JAN-23			20	NO	
77	2405	2405	8	919	-200	569	550	213	09-FEB-23			910	NO	
76	2553	553	3	938	-32	156	814	194	11-FEB-23			18	NO	
75	537	537	4	978	-9	299	688	202	18-FEB-23			89	NO	
74	2589	2589	7	1031	34	381	616	221	10-FEB-23			0	NO	
73	2580	580	7	1046	46	384	615	184	27-JAN-23			17	NO	
72	2447	147	8	1064	58	457	550	177	16-FEB-23			494	NO	
71	2763	2763	5	1073	36	348	688	135	14-MAR-22	IN CALF	19-MAR-23	28	NO	15-DEC-22

- Use C.O.W for culling-that's what its ranking on screen-**Not for Breeding**
- C.O.W will highlight poor performers i.e. low EBI, poor SCC or fertility performance

Poor Performers-Milk Recording

Lifetime Milk Recording - Total and Average Lifetime Production Data.

Help

Showing 1 to 9 of 9 entries (filtered from 60 entries).

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Jumbo	Name	Breed	Sire	Lact	Last Calved	Status	EBI (€)	Prod SI (€)	Fert SI (€)	Total Days	Avg. Days Dry	M (Kgs)	F (Kgs)	P (Kgs)	F+P	F (%)	P (%)	SCC >250	Margin per Day (€)	Herd Rank
1327		HO (38%) FR (34%)	IE151548591582	3	28-JUL-22	Milking	118	-17	63	911	25	15860	500	565	1145	3.66	3.50	0	-1.86	31
1333		HO (41%) MO (25%)	IE151548591582	3	03-OCT-22	Milking	98	-21	62	912	44	15852	509	552	1121	3.59	3.40	1	-1.5	32
1350		FR (38%) HO (38%)	IE151548591582	2	05-MAR-22	Milking	132	15	34			13081	517	480	997	3.95	3.67	0	-1.5	
1383		HO (38%) FR (34%)	IE151548591582	3	23-SEP-22	Milking	120	-22	59	913	80	15023	557	478	1035	3.71	3.18	1	-1.5	33
1464		FR (83%) HO (22%)	372219044991571	1	04-APR-22	Milking	155	12	60	340		5461	199	198	397	3.64	3.63	0	1.96	14
1472		FR (69%) HO (22%)	372219044991571	1	26-APR-22	Milking	147	12	55	237		3530	133	126	259	3.77	3.57	1	-1.66	16
1489		FR (59%) HO (38%)	372219044991571	1	17-APR-22	Milking	180	25	60	269		3658	156	146	302	4.26	3.99	0	-1.07	15
1551		FR (47%) MO (25%)	372219044991571	1	06-SEP-22	Milking	119	2	57	185		2780	118	103	221	4.26	3.72	0	-1.66	17
1704		SI (50%) HO (41%)	IE191507360815	1	23-FEB-22	Milking	20	-62	60	380		4352	194	163	357	4.46	3.75	0	-1.86	18

- Look at low margin cows on Lifetime Milk Recording Profile
- Look at low kgs/fat/protein or high SCC cows on this profile?

Sire Advice Plus-Female Selection



- Use Sire advice Plus for targeted dairy breeding program
- Assign cows for dairy AI (conventional and sexed semen)
- New Sexed Semen option-to go live
- Mark poor performers for Beef AI
- Heterosis option available when selecting cows for cross breeding
- Mark for culling option available
- Selective/Contract mating option



SIRE ADVICE Manually Enter Bulls

START

[Sire Advice Help Video](#)

Directly enter AI bulls which you have already selected for your herd.

OR

Select Bull Team packs available from AI companies.

SIRE ADVICE PLUS

START

[Sire Advice Plus Help Video](#)

Find the most suitable AI bulls for your herd with an easy to use filter

Assign cows for Culling, Contract or Beef mating. A crossbreeding also available which maximise heterosis.

Select Bull Team packs available from AI companies.

?

Sexed Semen

Do you plan on using sexed semen as part of your breeding season?

Yes No

?

Sexed Semen

Please Enter your planned mating start date.

24-Apr-23

Select No

Breed from your highest EBI cows

- Choose females for
- Dairy Default/Sexed Semen
 - Selective Mating
 - Culling
 - Beef AI
 - Crossbreeding

- Target high EBI females (€150+) (typically maiden heifers, first and second calvers) to breed your next generation of dairy herd replacements.

Female Selector Bull Selector Manually Enter Bulls

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

Enabled Dairy Beef Run Enabled: This will generate a beef mating, as well as a dairy mating, for every female. Any females specifically selected for beef will be allocated a beef mating only.

Female Selections on Screen: Default: 47 | Sexed: 0 | Culling: 0 | Beef: 0 | Selective Mating: 0 | Cross-breed: 0

Showing 1 to 47 of 47 entries

Animal Details							EBI				Milk			Sexed	Default	Culling	Beef	Selective Mating	Cross-breed
FB	Breed %	Last Calving Date	Days Calved	Num. Serves	Health Events	Lact	EBI €	Milk €	Fert €	Carbon €	Milk Kg	Fat %	Prot %	Sexed	Default	Culling	Beef	Selective Mating	Cross-breed
486	HO (84%) FR (16%)	24-APR-22	365	0	0	5	281	29	154	19	-6	0.16	0.03	✓	✓	+	+	+	+
613	HO (84%) FR (16%)			0	0		258	76	102	3	178	0.09	0.09	✓	✓	+	+	+	+
644	HO (81%) FR (19%)			0	0		238	61	123	4	141	0.11	0.06	✓	✓	+	+	✓	+
660	HO (81%) FR (19%)			0	0		238	86	103	2	181	0.14	0.11	✓	✓	+	+	+	+
638	HO (88%) FR (9%)			0	0		237	62	120	7	135	0.10	0.07	✓	✓	+	✓	+	+
659	HO (84%) FR (13%)			0	0		237	75	119	4	61	0.13	0.15	✓	✓	✓	+	+	+

Lower EBI cows should be bred to beef AI from the start of the breeding season.

Our Farmer & Government Representation



An Roinn Talmhaíochta,
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Department of Agriculture,
Food and the Marine



Our AI & Milk Recording Organisations



Our Herdbooks



Acknowledging Our Members