



# Recording heat and AI serves & to how to monitor performance during the Breeding Season

*Bryan Kingston*

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An Roinn Talmhaíochta,  
Bia agus Mara  
Department of Agriculture,  
Food and the Marine



AgTech - it's in our DNA

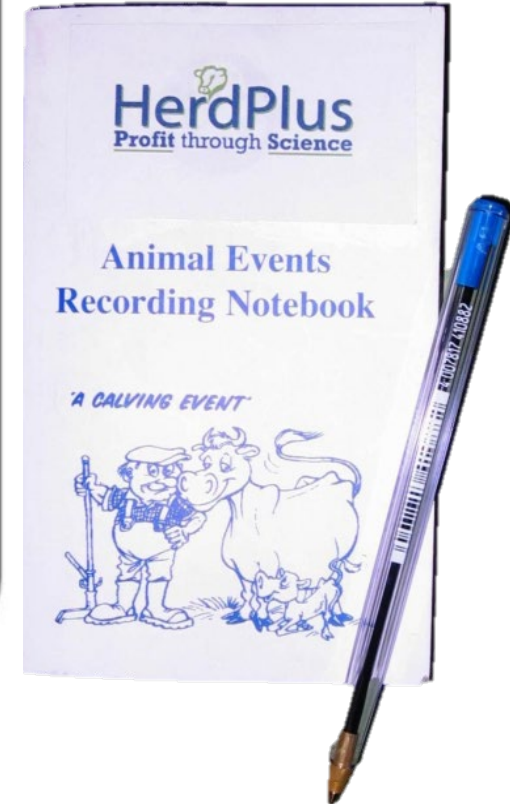
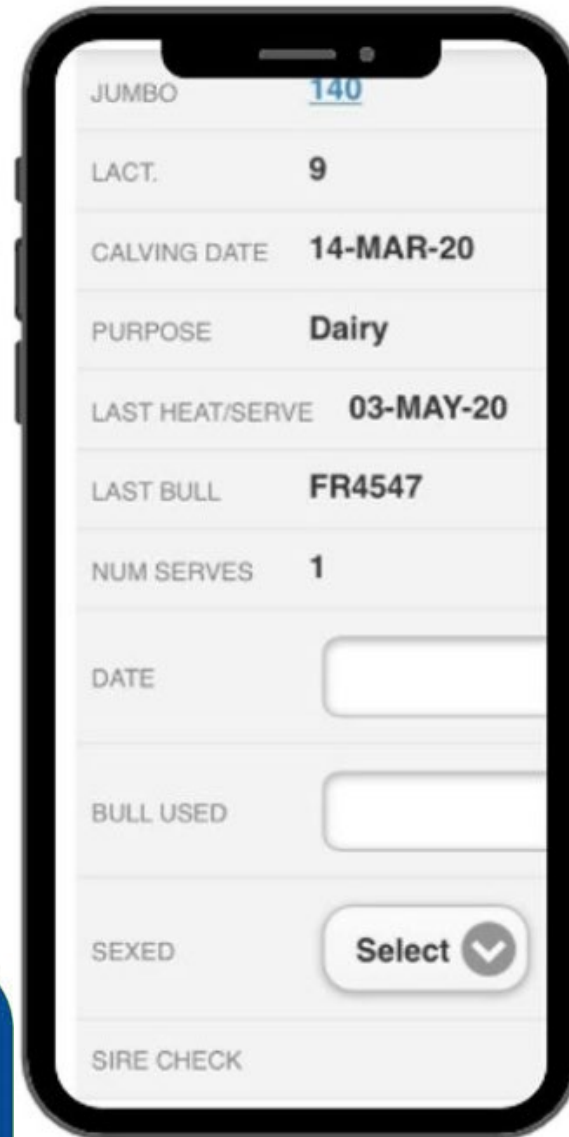
# Why Record Serve data?

- It gives the farmer expected calving dates and expected Genetic Indexes (Report, Profiles pocket notebook)
- Serve data is significant for the purpose of genetic evaluations
- AI technicians operate handhelds which automatically send details to ICBF.
- Stock bull serves can also be recorded by entering the bulls tag number
- Provide the farmer with an accurate weekly fertility reports



# Methods to Record Serve Data

- Free ICBF mobile App ( Google play or App Store) – allows you to easily record serves as they happen.
- Online recording through ICBF website – log-on using your username and password. (PASS to 089 457 7663)
- Farm Computer Packages
- Pocket Notebook or other paper formats- will need to ensure they get their insemination data onto the ICBF database!





# How to record Heats & AI Serves on ICBF

**Record Heat and Serve Events** To record an in-heat event, only enter the date; for serves, the bull and treatment are required Help

Show 50 rows. Showing 1 to

## To Record a Heat

1. Find the cow you wish to record.
2. Click in the date column. The calendar will appear. Select the date the cow was in heat.
3. Click Save. A heat event for the cow has been created!

Jumbo	Animal Number
4422	
4485	
2485	

Date	Bull Used	Sire Check	Sexed
			Not Sexed ▾
			Not Sexed ▾
			Not Sexed ▾

First Previous 1 2 3 4 Next Last Hide filters Excel PDF Print

Date	Bull Used	Sire Check	Sexed
			Not Sexed ▾
			Not Sexed ▾
			Not Sexed ▾

## To Record a Serve

1. Find the cow you wish to record.
2. Click in the date column. The calendar will appear. Select the date the cow was in heat.
3. Click in the bull used column. Enter an AI code or tag number (stock bull). The sire check column will confirm the bull code/tag is valid.
4. Click in the treatment column. A treatment must be selected.

*Note:* For stock bull serves and conventional straws (non sexed) the treatment selected will always be Non Sexed.

The majority of sexed straws available will be sexed 90% female. Check with your AI company if you are in doubt.

If your Sire Advice is saved & sent to breeding chart/handheld, the three sires selected will now appear next to that animal for quick selection in the bull used column.

# To Get an Accurate Report - Mark Cows for Culling!



## Mark for Culling Animals with a culling reason recorded will be excluded from the fertility report

Help

Showing 1 to 323 of 323 entries

Hide filters



Excel

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Culling Reason

Jumbo	Animal Number	DOB	Lactation	Last Calving Date	Reason	
112		22-JAN-13	9	12-FEB-23		
284		01-FEB-12	10	05-FEB-23		
386		02-FEB-21				
387		02-FEB-21	1	04-MAR-23		
388		04-FEB-21	1	06-MAR-23		
392		09-FEB-21	1	22-FEB-23		
397		16-FEB-21				
0725A		16-NOV-20	1	22-FEB-23		
0744A		21-JAN-21	1	24-FEB-23		
2310		01-MAR-11	11	22-FEB-23		
2440		18-JAN-13	9	16-FEB-23		

- Infertility
- Low Milk Yield
- Age
- Conformation
- Injury
- Lameness
- Abortion
- Behaviour
- Mastitis
- Bovine Viral Diarrhoea
- EBI/EuroStars
- General Health Problems
- Fertility
- Surplus to Requirements
- Johnes Disease
- Intestine Problem
- High Somatic Cell Count
- To be Culled
- Female to Male Twin

# How to Generate the Weekly Fertility Profile

Reports Select the report type from the left

- ☐ CALVING
- ☐ EBI
- ☐ EUROSTAR
- ☐ FERTILITY
  - Dairy Breeding Chart
  - End of Season Fertility Report
  - Sire Advice Report
  - Weekly Fertility Report
- ☐ GENERAL
- ☐ GENOMICS
- ☐ HEALTH
- ☐ MILK MANAGEMENT
- ☐ SLAUGHTER
- ☐ WEIGHT

- Two Key things that you will need:
- Calving Start Date
- Mating Start Date

## Weekly Fertility Report

Calving Start Date

06-JAN-23

Mating Start Date

Download Report

**Note:** You should run the Weekly Fertility Report throughout the Breeding Season. Remember you only need to record the empty cows, the report will assume the remaining cows are in calf. generally take 1-2 minutes to run.

To ensure the accuracy of your report, all animals not intended for breeding should be 'marked for culling'.

[Click here](#) to update this information.

**Please note:** Animals calved >30 days and not bred will appear in your 'Action List'.

**Weekly Fertility Report  
Spring 2022**

Report Date:  
Herd Owner:  
Herd Number:

**Equal Usage of Dairy Bulls  
Spring 2022**

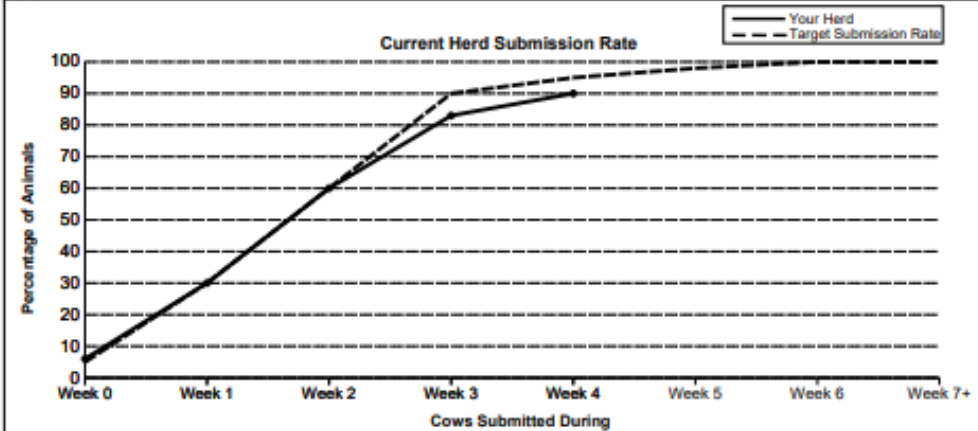
Report Date:  
Herd Owner:  
Herd Number:

**Mating Start Date (MSD):** 25/04/2022 (Cows) 29/04/2022 (Heifers)

**(a). Calving Summary Data** - Report is based on dairy cows that calved from 18/01/2022

Spring Dairy Calving Dates			Spring Dairy Calving Pattern		
	Start Calving	Median Calving <sup>1</sup>		Num. Calved (%)	Top 15%
Cows	18/01/2022	05/03/2022 (47 days)	Week 3	35 (22%)	53%
Heifers	11/01/2022	24/01/2022 (14 days)	Week 6	76 (47%)	80%
Herd	11/01/2022	27/02/2022 (48 days)	Week 9	124 (77%)	92%
<b>Total Dairy Calvings</b>		162			
<b>Total Dairy Calves Born</b>		164			

**(b). Current Herd Submission Rate** - Report is based on dairy cows that calved from 18/01/2022



**(c). Key Performance Indicators (KPI's)**

	28		Your Herd	Nat. Avg.	Btm. 5%		Top 5%	
	Cows	Heifers			Your Herd		Your Herd	
<b>1. 21-day Submission rate</b> <small>Cows/heifers submitted for mating within 21 days of MSD (172 cows/ 38 heifers) as a percentage calved up to 21 days after MSD (206 cows) (dairy heifers &gt; 1mths (39))</small>								
	Cows	83%	66%	19%		89%		
	Heifers	97%	73%	23%		99%		
<b>2. 42-day Submission rate</b> <small>Cows/heifers submitted for mating within 42 days of MSD as a percentage calved up to 42 days after MSD</small>	Cows	-	83%	45%		98%		
	Heifers	-	82%	34%		99%		
<b>3. Cows calved &gt;30 days and not bred</b> <small>% of cows calved greater than 30 days at MSD (198 cows) and not yet submitted within 21 days of MSD (32 cows)</small>	Cows	16%	27%	75%		5%		

**(d). Previous Bull Team Size and Usage**

Birth Year	Dairy AI Bull Team Usage	Most Used Bull	No dairy calves born from most used AI bull	% dairy calves born from the most AI bull
2021	24	FR2239	16	12%
2022	20	FR6076	31	24%

**(e). Dairy AI Bull Team Guidelines**

Spring 2022 Breeding Guidelines for your herd		
Herd Size (cows and heifers)	Minimum Number AI bulls	Maximum Bull Usage (%)
246	11	15%

**(f). AI Bull Usage**

Usage of Dairy bulls (14) in the herd since mating start date: 25/04/2022							
Bull	Name of Bull	Proof	EBI	Milk SI	Fertility SI	No. Serves (191)	% of Serves
JE5986	MONEEN RIO	GS	333	87	195	25	13
FR6547	(IG)STAMULLEN LUNASA SRM	GS	366	89	183	24	13
FR7149	(IG)BLACKNEY WINDRUSH SRM	GS	300	83	160	20	10
FR6028	BRACKHERD PANAMA SRM	GS	321	82	178	18	9
FR5884	(IG) BALLINGEAR SUZUKI	GS	286	80	131	17	9
FR6436	(IG)BALLYGLASSIN LIBERTY	GS	302	92	148	17	9
FR5704	HILLSDALE MO SALAH	GS	299	128	100	14	7
FR4785	GLENABOY RONALD	GS	277	115	97	11	6
FR5127	BRIDEPARK MAGIC 0984 SRM	GS	283	93	128	11	6
FR7017	(IG)SEAFORT EAGLE	GS	313	89	158	9	5
JE6238	ULMARRA TT GALLIVANT S2J	DP-INT	242	116	77	8	4
JE7998	GLENUI SUPER LAMAR	DP-INT	259	107	102	7	4
FR7398	(IG)GLEN CROW ROMEL SRM	GS	296	116	144	6	3
JE8088	TIRONUI SUPERMAN ET	DP-INT	286	139	103	4	2
<b>Weighted Average</b>			307	95	148		



# Weekly Fertility Report

Mating S (a). Calv		(c). Key Performance Indicators (KPI's)				Btm. 5%	Top 5%	
		Days since MSD:	53 Cows	49 Heifers	Your Herd	Nat. Avg.	Your Herd	
		<b>1. 21-day Submission rate</b>	<b>Cows</b>	<b>84%</b>	<b>66%</b>	19%		89%
		Cows/heifers submitted for mating within 21 days of MSD (174 cows/ 38 heifers) as a percentage calved up to 21 days after MSD (206 cows) /dairy heifers > 11mths (39)		<b>Heifers</b>	<b>97%</b>	<b>73%</b>	23%	99%
<b>Cows</b>		<b>2. 42-day Submission rate</b>	<b>Cows</b>	<b>99%</b>	<b>83%</b>	45%		98%
<b>Heifers</b>		Cows/heifers submitted for mating within 42 days of MSD (197 cows/ 38 heifers) as a percentage calved up to 42 days after MSD (199 cows) /dairy heifers > 11mths (39)		<b>Heifers</b>	<b>97%</b>	<b>82%</b>	34%	99%
<b>Herd</b>		<b>3. Cows calved &gt;30 days and not bred</b>	<b>Cows</b>	<b>15%</b>	<b>27%</b>	75%		5%
<sup>1</sup> Date on which 50%		% of cows calved greater than 30 days at MSD (198 cows) and not yet submitted within 21 days of MSD (30 cows)						
<b>Total D</b>								
<b>Total Dairy</b>								



# Dairy Bull Usage Report

- The report outlines the main breeding guidelines on Bull team Size and Usage
- This report will help farmers to ensure that a team of dairy bulls are being used equally



Call 023-8820452

## Equal Usage of Dairy Bulls Spring 2021

Report Date:  
Herd Owner:  
Herd Number:



### (f). AI Bull Usage

Usage of Dairy bulls (18) in the herd since mating start date: 23/04/2021							
Bull	Name of Bull	Proof	EBI	Milk SI	Fertility SI	No. Serves (162)	% of Serves
FR6954	(IG)DERRINSALLOW UNACK	GS	290	103	130	20	12
FR4513	(IG) BALLYGOWN ALBERT	DP-IRL	248	122	68	19	12
FR5860	SAINTBRIGID FRANK JOSEPH	GS	334	117	149	18	11
FR5857	OLCASTLETOWN TIERNAN	GS	293	125	133	17	10
FR4547	(IG) DOONMANAGH SEVILLE	DP-IRL	311	111	137	16	10
FR6076	BALLINARD COMPONENTS	GS	275	96	123	15	9
FR4571	BRIDEPARK GRANDSLAM	DP-IRL	219	53	113	15	9
FR6631	BALLYKINASH SAMUEL	GS	309	105	147	10	6
JE5386	(IG) NEXTGEN BRANDY	GS	203	87	53	8	5
JE4989	GLENUI DEGREE HOSS	DP-INT	246	105	89	5	3
FR6981	ROCHEMOUNT LAD	GS	321	116	153	4	2
FR2314	GORTCREEN SEBASTAIN	DP-IRL	226	118	69	3	2
FR7143	(IG)TISAXON TROOPER	GS	363	96	199	3	2
JE6238	ULMARRA TT GALLIVANT S2J	DP-INT	237	124	71	3	2
FR7026	(IG)RICHVALE GRAJO	GS	309	118	124	2	1
FR2239	(IG) DIAMOND ANTON	DP-IRL	198	86	62	2	1
FR5124	BALLYCONNICK TOUCH SRM	GS	249	128	80	1	1
FR4439	KILLALOUGH SAMIR	DP-IRL	229	86	100	1	1
<b>Weighted Average</b>			278	105	118		

### (d). Previous Bull Team Size and Usage

Birth Year	Dairy AI Bull Team Usage	Most Used Bull	No dairy calves born from most used AI bull	% dairy calves born from the most AI bull
2020	18	FR4378	17	17%
2021	22	FR2239	16	12%

### (e). Dairy AI Bull Team Guidelines

Spring 2021 Breeding Guidelines for your herd		
Herd Size (cows and heifers)	Minimum Number AI bulls	Maximum Bull Usage (%)
239	11	15%

# Action List on the Weekly Fertility Report



Call 023-8820452

## Weekly Fertility Report Spring 2022

Herd Owner:

Herd Number:



- Action list is a key feature of the weekly fertility Report
- List of Cows not yet submitted for service that have calved greater > 30 days.
- Helps identify your problem cows to act on.

Mating Start Date (MSD): 25/04/2022 29/04/2022				Report Date: 22/05/2022		
		Cows	Heifers			
<b>(g). Action List</b> - Cows not yet submitted for service that have calved greater than 30 days						
<b>Note:</b> The following cows may have reproductive problems and should be investigated further.						
Jumbo	Animal number	Lact	Calving Date	Calving Difficulty	Days Calved	Notes
4178	:	1	16/01/2022	Normal Calving	125	
4143	:	1	24/01/2022	Normal Calving	117	
3890	:	2	01/02/2022	Some Assistance	109	
3898	:	2	01/02/2022	Some Assistance	109	

# Fertility Profiles- First Serve & Repeat

## Due Repeat Serve Profile - Cows Due For a Repeat Serve.

Due Repeat today

Showing 1 to 41 of 41 entries

Hide filters  Excel PDF Print

Jumbo	Animal Number	Contract Rearing	Lact	Purpose	Last Serve/Heat Date	Days Since Last Serve/Heat	Expected Serve Date
3038		N	3	Dairy	24-JAN-23	57	28-MAR-23
3044		N	4	Dairy	24-JAN-23	57	28-MAR-23
3174		N	3	Dairy	24-JAN-23	57	28-MAR-23
3321		N	2	Dairy	24-JAN-23	57	28-MAR-23
2843		N	5	Dairy	22-JAN-23	59	26-MAR-23
3294		N	2	Dairy	22-JAN-23	59	26-MAR-23
3590		N	1	Dairy	22-JAN-23	59	26-MAR-23
3612		N	1	Dairy	22-JAN-23	59	26-MAR-23
3615		N	1	Dairy	22-JAN-23	59	26-MAR-23
3596		N	1	Dairy	20-JAN-23	61	24-MAR-23
3049		N	3	Dairy	18-JAN-23	63	22-MAR-23

# Summary

- Ensure all Serve data is recorded
- Any females not intended for Breeding should be marked for culling
- Know your Calving & Mating start date
- Allow you to track breeding performance & identify problem cows
- If you need help to generate the Weekly Fertility report- Call the HerdPlus Team on **023 88 20452**





# Our Farmer & Government Representation



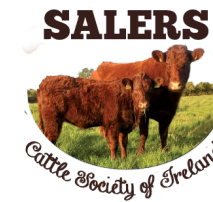
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Food and the Marine



# Our AI & Milk Recording Organisations



# Our Herdbooks



MRI Cattle Society of Ireland  
Meuse Rhine Issele -- Milk & Muscle!



Norwegian Red Cattle Society



# Acknowledging Our Members