



**DAIRYGOLD/TEAGASC
JOINT PROGRAMME & SIGNPOST PROGRAM
2021-2025**

Farm Walk

On the Farm of

Sean Moher, Croughmore Lower, Mitchelstown, Co Cork

Friday 1st July 2022

(By kind permission)

Today's Agenda

1. Current Farm Performance & 2021 profit monitor figures
2. Reducing chemical nitrogen through clover incorporation
3. The new rules surrounding dairy washing storage
4. Managing farmyard nutrients

**SIGN UP TO SIGNPOST
MONTHLY NEWSLETTER BY
SCANNING THIS QR CODE**



FARM DETAILS

LAND		CURRENT STOCK DETAILS	
Land owned (ha)	51.8	Dairy cow	92
Land leased (ha)	24	0-1 Replacements	32
Milking Platform (ha)	27.4	1-2 Replacements	32
SR on milking platform (ha)	3.32	Stock bull	1
SR on whole farm (LU/ha)	1.85	0-1 Cattle	28
		1-2 Cattle	14

HERD PERFORMANCE

Milk Production	01/07/2022	2021
Milk yield (litres/cow)	25.75	6,399 sold
Milk protein %	3.65	3.69
Milk fat %	3.83	4.25
Milk solids (kg/cow)	1.98	523
SCC (,000 cells/ml)	84	115
Grass (kg DM/cow)	12	
Meal (kg DM/cow)	6kg 12% protein	1,010 kg
Silage (kg DM/cow)	2kg	

Calving and Fertility Performance

	Year	Cows	Heifers
Calving Start Date	2022	24 Jan	25 Jan
Calving spread	2022	12 wks	4wks +4d
Calving Interval (Days)	2022	370	
Spring 6 wk. calving rate	2022	93%	
Empty rate %	2021	14.5%	
Replacement rate	2022	23%	
Breeding season MSD	2022	25 April	25April

Grass Measurement Report Exported on 29/06/2022

Cover Date: 27/06/2022	
Farm: Sean Moher - Croughmore	Mob: All Mobs

Management Decisions

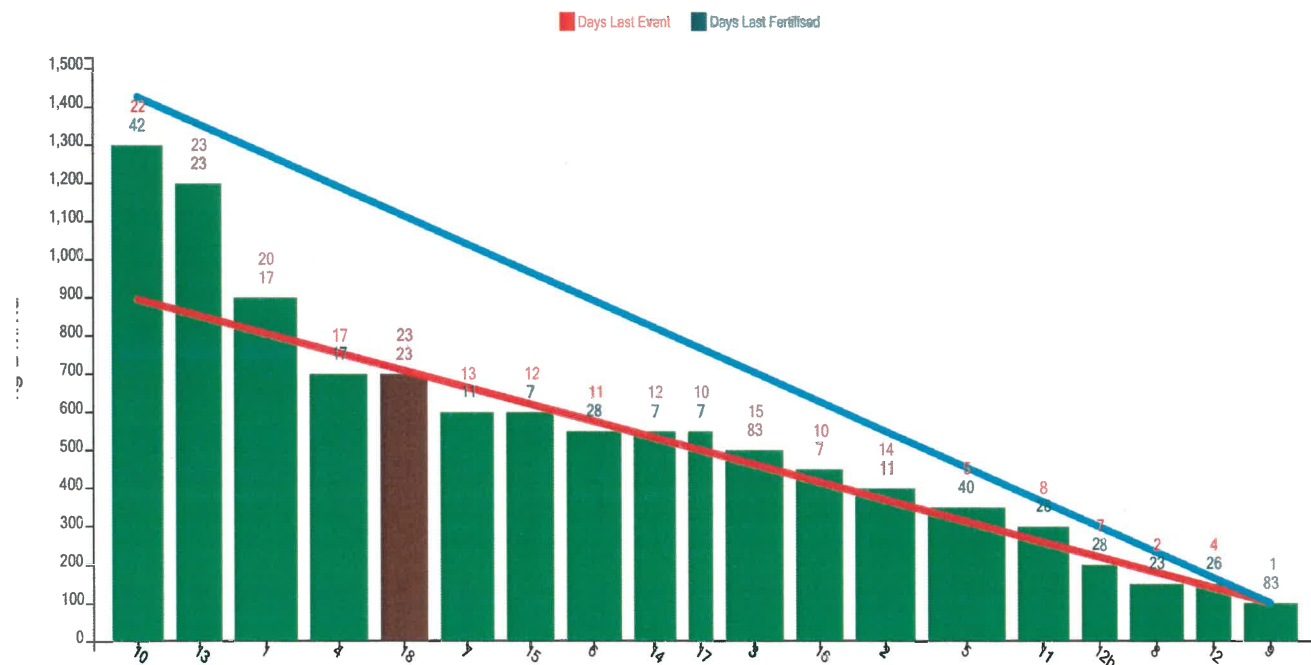
Rotation Length (days):	20	Residual Cover (kg DM/ha)	100
Target Pre-Grazing (kg DM/ha):	897		

Milk Values

27.8 ltr/cow/day was produced on 26/06/2022 at 3.83% Fat & 3.65% Protein , which is 2.14 kg MS/cow, 900.2 kg MS/ha YTD

Cover Parameters

Farm Cover (kg DM/ha):	543	Total LU:	91
Cover / LU (kg DM/LU):	164	LU / ha:	3.32
Growth/ha (kg DM/ha/day):	53(55)	Grazing Area:	27.38 ha (19)
Demand / ha (kg DM/ha/day):	40	Reseed:	0.00 ha (0)
Demand / day (kg DM/day):	1092	Silage - Cut Later:	0.00 ha (0)
Days ahead:	14	Silage - Cut Now:	0.00 ha (0)
Kg LWT / ha:		Other:	0.00 ha (0)
		Rotation Length Back (Days):	14



A

B

C

GRASS ONLY PADDOCKS - GRASS GROWN & NITROGEN TO DATE 2022

PDK Code	Paddock Name	Area	No. of Grazings	No. of Silage Cuts	Grazing (kg DM/ha)	Silage (kg DM/ha)	Total (kg DM/ha)	Total N kg	of which chemical nitrogen
1	hill 1	1.80	6	0	7126		7126	175	175
4	hill4	1.66	5	0	7903		7903	175	175
5	passage	2.22	5	0	7800		7800	179	158
6	bounds1	1.56	5	0	6562		6562	221	184
7	bounds2lhs	1.53	5	0	6845		6845	221	184
8	bounds3rhs	1.54	6	0	5808		5808	191	164
11	o'bsrhs	1.45	5	0	5486		5486	221	221
12	o'bslhs	1.00	6	0	6045		6045	208	171
13	mob	1.30	2	2	3211	4253	7464	178	141
18	bog	1.35	3	0	3393		3393	98	82
Average		15.41	4.4	0.1	5673	202	6443	187	166

GRASS/CLOVER PADDOCKS - GRASS GROWN AND NITROGEN TO DATE 2022

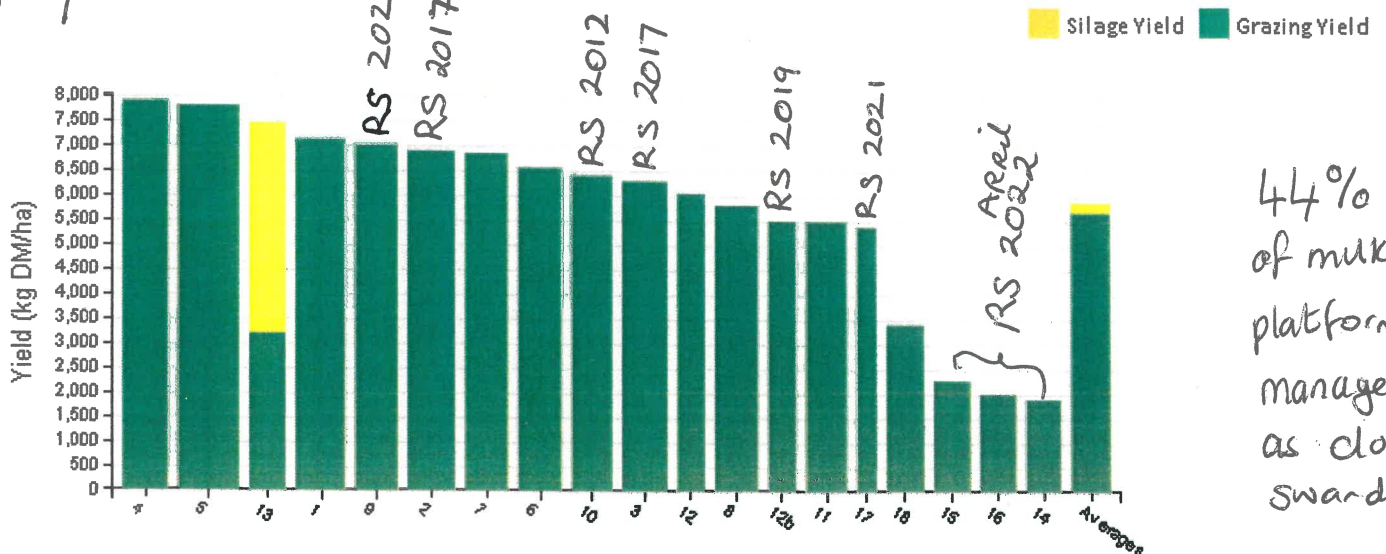
PDK Code	Paddock Name	Area	No. of Grazings	No. of Silage Cuts	Grazing (kg DM/ha)	Silage (kg DM/ha)	Total (kg DM/ha)	Total N kg	of which chemical nitrogen
2	hill2	1.72	5	0	6892		6892	118	118
3	hill3	1.66	5	0	6290		6290	111	95
9	bounds4rhs	1.54	5	0	7015		7015	65	49
10	o'bs1rhs	1.45	5	0	6401		6401	115	94
12B	12b	1.00	5	0	5496		5496	107	107
* 14	harry's	1.20	2	0	1881	*	1881	109	71
* 15	river1	1.35	2	0	2262	*	2262	109	71
* 16	river2	1.35	2	0	2000	*	2000	109	71
17	inch	0.70	5	0	5372		5372	91	91
Average		11.97	4.0	0	4845		4845	104	85

GRASS/CLOVER PADDOCKS - GRASS GROWN AND NITROGEN TO DATE 2022 (exclude new reseed*)

PDK Code	Paddock Name	Area	No. of Grazings	No. of Silage Cuts	Grazing (kg DM/ha)	Silage (kg DM/ha)	Total (kg DM/ha)	Total N kg	of which chemical nitrogen
2	hill2	1.72	5	0	6892		6892	118	118
3	hill3	1.66	5	0	6290		6290	111	95
9	bounds4rhs	1.54	5	0	7015		7015	65	49
10	o'bs1rhs	1.45	5	0	6401		6401	115	94
12B	12b	1.00	5	0	5496		5496	107	107
17	inch	0.70	5	0	5372		5372	91	91
Average		8.07	5	0	6244		6244	101	92

RS = Reseed
grass/clover

Cumulative Paddock Yield to 29 Jun 2022



Report Date: 28/06/2022 (May 2022 Evaluation)

Herd Owner: SEAN MOHER

Herd No:

**Snapshot of your herd
based on the 28-JUN-22**

1. EBI Herd Summary

Average EBI for all dairy cows with; (i) a known sire (or milk recorded progeny with a known sire) and (ii) are currently on your farm.

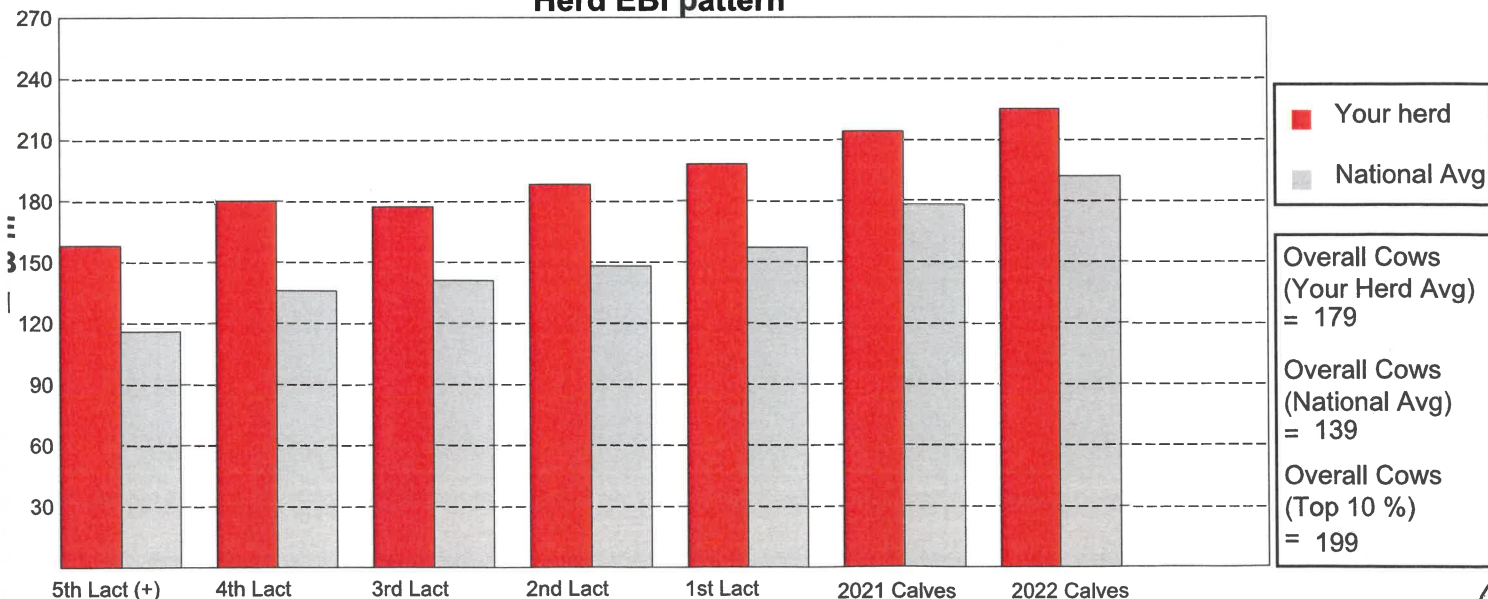
* Number of animals that are missing an EBI result

Animal Group	Num of Cows	Milk Kg	Fat %	Prot %	Surv% CI Days	Milk % Cont	Fertility % Cont	Calv % Cont	Beef % Cont	Maint % Cont	Mgmt % Cont	Health % Cont	EBI €
Cows with EBI	92	63				€ 60	€ 80	€ 34	€ -12	€ 12	€ 2	€ 4	
Missing EBI*	0	8.9	0.11	2.2		29.4%	39.1%	16.9%	-5.9%	6.1%	0.7%	1.8%	€ 179
Total Cows	92	8.0	0.1	-4.2									
1st Lactation	22	56				€ 72	€ 81	€ 45	€ -14	€ 12	€ 2	€ 1	
		10.9	0.14	2.3		31.7%	35.5%	19.6%	-6.3%	5.4%	0.8%	0.5%	€ 198
		9.2	0.12	-4.2									
2nd Lactation	15	75				€ 66	€ 85	€ 30	€ -12	€ 13	€ 1	€ 5	
		8.8	0.10	2.3		31.2%	40%	14.2%	-5.4%	6.1%	0.5%	2.4%	€ 188
		9.3	0.11	-4.5									
3rd Lactation	22	24				€ 52	€ 84	€ 34	€ -14	€ 14	€ 1	€ 6	
		6.3	0.09	2.0		25.3%	41%	16.8%	-6.7%	6.8%	0.6%	2.7%	€ 177
		6.9	0.1	-4.7									
4th Lactation	9	27				€ 52	€ 91	€ 32	€ -9	€ 10	€ 1	€ 4	
		8.7	0.13	1.8		26.2%	45.8%	16.3%	-4.5%	4.8%	0.6%	1.8%	€ 180
		6.2	0.09	-5.4									
5th Lactation (+)	24	111				€ 56	€ 68	€ 29	€ -10	€ 12	€ 2	€ 3	
		9.4	0.09	2.2		31%	37.9%	15.9%	-5.8%	6.6%	1.1%	1.7%	€ 158
		7.8	0.07	-3.2									

2. Dairy Youngstock

2022 Calves	32	48				€ 76	€ 103	€ 36	€ -11	€ 11	€ 3	€ 8	
Missing EBI*	0	11.5	0.17	2.7		30.9%	41.7%	14.4%	-4.5%	4.4%	1%	3.1%	€ 225
Total Calves	32	9.7	0.14	-5.6									
2021 Calves	32	123				€ 78	€ 90	€ 42	€ -12	€ 11	€ 3	€ 2	
Missing EBI*	0	11.9	0.12	2.3		32.8%	37.6%	17.8%	-5.2%	4.7%	1.3%	0.7%	€ 214
Total Calves	32	11.0	0.12	-4.8									

Herd EBI pattern





Dairy Herd Performance Report

Jan - Dec 2021



Herd Owner: SEAN MOHER

Designator:

Phone 023-8820452

Supplier Number: Manufacturing

Table 3: Dairygold/ICBF Performance Score Card

	Your Herd	Dairygold Average	Dairygold Top 10%	Your Rank out of 100	Your Star Rating ¹
Milk performance for 2021 (Jan - Dec) based on Dairygold data					
Fat + Protein (Kg/cow) Average Fat and Protein yield per cow for your herd	523	437	533	87%	* * * * *
Litres per Cow per Day Avg litres of Milk per cow from Jan - Dec 2021	17.53	14.99	18.2	84%	* * * * *
Fat % to end December 2021 Weighted average Fat % from Jan - Dec 2021	4.25	4.2	4.44	64%	* * * * *
Protein % to end December 2021 Weighted average Protein % from Jan - Dec 2021	3.69	3.58	3.72	87%	* * * * *
Average Milk Price (cpl) Incl. VAT Average milk price received from Jan - Dec 2021, (Includes Bonuses/Penalties, Excludes Levies)	41.9	40.5	42.6	83%	* * * * *
SCC (,000 cells/ml) The weighted average Somatic Cell Count for Jan - Dec 2021	115	n/a	100	84%	* * * * *
Fertility & Calving data based on HerdPlus 2021 Calving Report					
Calving Interval (days) Average number of days between successive calvings for cows calved during the period	369	383	363	70%	* * * * *
Spring 6 Week Calving Rate Number of cows/heifers calved within the first 6 wks (77) as a proportion of all cows calved during the Spring (89)	87%	71%	88%	89%	* * * * *
% with known Sire and Calving Survey recorded Calves where sire (90) and calving survey (92) are recorded as a proportion of all births during the period (93)	98%	65%	100%	69%	* * * * *
%AI bred replacements Calves born in the period from dairy AI (30) as a proportion of dairy females born (34)	88%	60%	100%	52%	* * * * *
% of Heifers Calved at 22-26 months No. of heifers calved (20) that were between 22 & 26 months of age (20)	100%	77%	100%	100%	* * * * *
EBI Statistics based on the latest HerdPlus EBI report 2022					
Herd EBI (2022) Average EBI for Cows (80) with EBI data	€173	€129	€170	92%	* * * * *
EBI of 2022 Inseminations Weighted Average EBI of dairy AI bulls recorded in Spring 2022	€284	€249	€287	89%	* * * * *
Table of Terms					
Dairygold Average	The average performance of Participating Dairygold Manufacturing Suppliers				
Dairygold Top 10%	The top 10% cut off point of Participating Dairygold Manufacturing Suppliers				
Your Rank out of 100	Your performance expressed across all Dairygold herds eg. 1% = Bottom Supplier, 50% = Average Supplier 100% = Top Supplier				
Your Star Rating	Your performance is displayed in stars e.g. 1 star is bottom 20% and 5 stars = top 20%				
Eligible Cows	Number of dairy cows in the herd on December 2021				
¹ * = 0 - 20% * * = 21 - 40% * * * = 41 - 60% * * * * = 61 - 80% * * * * * = 81 - 100%					

Sean Moher Costs per litre - 4 year average

Year	Gross Output	Feed	Fert	Vet	AI	Contract	Other V.Costs	Total V. Costs	Mach	Car/ES phone	Deprec	Hired Labour	Leases	Other F.Costs	Total F. Costs	Total Costs#	Net Profit
	c/l	c/l	c/l	c/l	c/l	c/l	c/l	c/l	c/l	c/l	c/l	c/l	c/l	c/l	c/l	c/l	c/l
2021*	49.27	5.59	2.2	1.19	0.92	3.34	2.68	15.92	1.24	1.28	2.33	1.62	1.64	3.09	11.2	27.12	22.15
2020	36.99	3.42	1.81	1.00	0.63	2.58	3.19	12.63	0.18	0.88	1.64	0.78	1.10	1.77	6.37	19	17.99
2019	34.69	4.23	2.44	1.14	0.61	3.14	2.24	13.79	0.53	1.11	1.43	0.48	1.16	1.36	6.07	19.86	14.83
2018	36.10	6.18	2.08	1.15	0.45	2.59	2.53	14.99	1.13	0.62	1.14	0.43	1.35	3.84	8.51	23.5	12.60
AVG	39.26	4.86	2.13	1.12	0.65	2.91	2.66	14.33	0.77	0.97	1.64	0.83	1.31	2.52	8.04	22.37	16.89

*2021 costs include dairy AND replacement enterprise

#excludes own labour

Sean Moher Farm Physical Performance - 4 year average

Year	Stocking rate	Stocking rate	Cow no	litre /cow	Prot%	Fat %	KG MS /cow	kg MS /MP ha	Herd EBI	6 week calving	replace ment %	SCC	kg conc /cow	Grass Grown	Chem N/ha
	W. Farm	M. P		produced										DM/ha	WF
2021	1.7	3.1	85	6399	3.69	4.25	523	1622	179	93	23	115	1010	13.3	143
2020	1.84	3.25	89	6336	3.71	4.34	526	1709	161	91	29	85	831	14.9	173
2019	1.73	2.93	82	6406	3.71	4.27	527	1543	152	90	20	88	968	14.5	135
2018	1.64	3.04	85	6053	3.55	4.14	480	1457	144	75	31	121			
AVG	1.73	3.08	85	6299	3.67	4.25	514	1583	159	87	26	102	936	14.2	150