

Teagasc GII monitor farm walk

O' Gorman Farm

Clonmel

Co.Tipperary

Topics

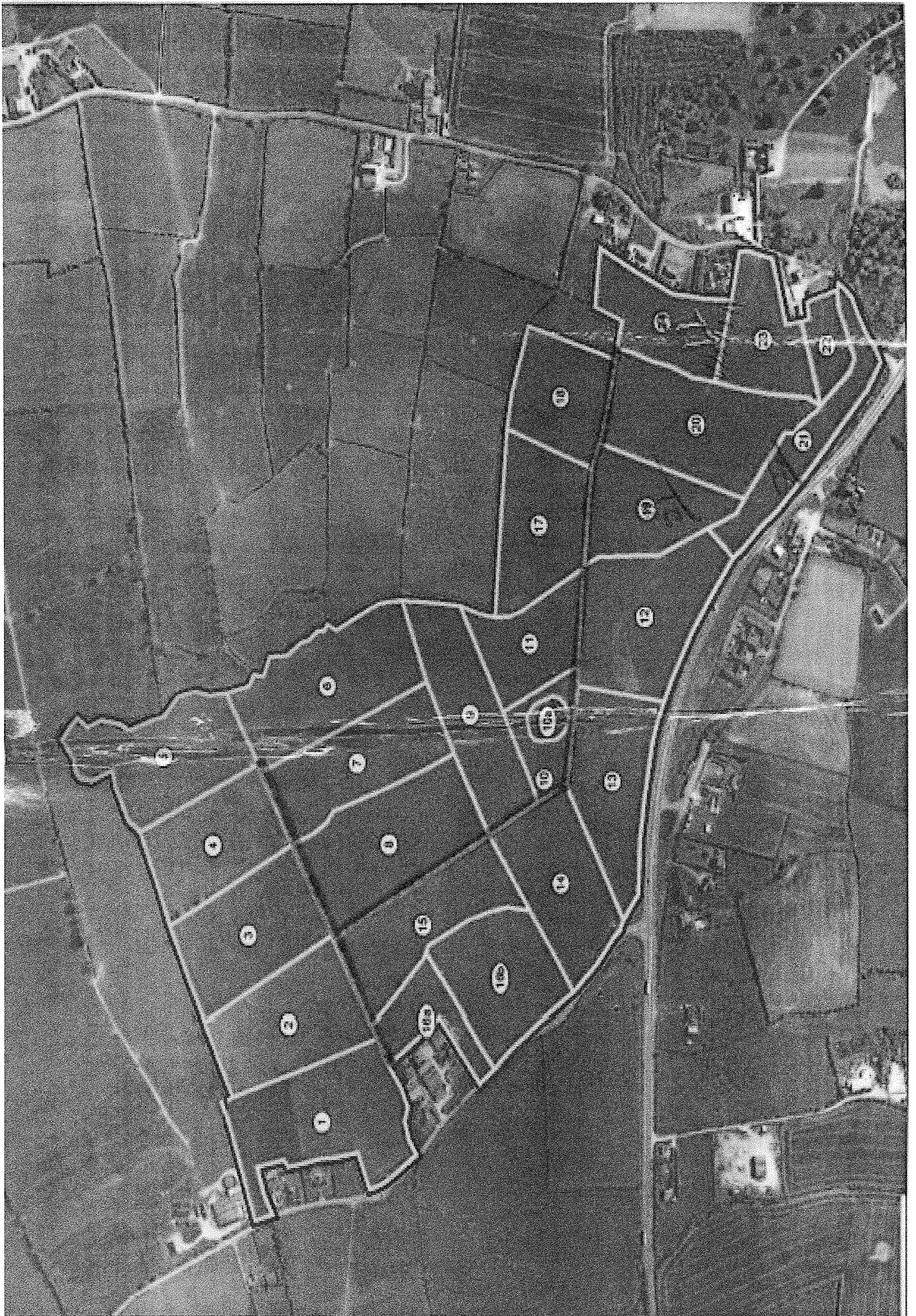
Introduction to new monitor farm.

Financial and physical farm plan.

Cash flow issues for 2016

Feeding the cow from now to next Spring.

Notes



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Farm information sheet

Name	Patrick J O'Gorman	IE Number	
Address	Rathkeevan Clonmel Co Tipperary	Print Date	22-Oct-15

Short Term Goals	Long Term Goals
Grow more grass	Sustainable system
Increase milk solids per cow	Hire more labour
Improve fertility	Maximise own resources

		2020				2020
Farm Details	Current		Stock Details	Today	Last Yr	Target
Land owned (ha)	85		Dairy cows	140	140	190
Land farmed (ha)	88	88	0-1 replacements	60	48	45
			1-2 replacements	48	34	45
Milking platform (ha)	60		2+ replacements	3	1	
Cows/milking platform (ha)	2.2	3				
			0-1 cattle	1	27	
			1-2 cattle	28	73	
			Other cattle	3	1	
Total labour units on farm	1.5	2	Overall stocking rate	2.5		2.7

Costs and Profit 2014	c/l	Average	EBI Details 14-Oct-2015	Cows	Repl 9+	Calves
Dairy output	38.65	39.43	Number	130	48	60
Feed	2.4	4.46	EBI (€)	146	166	172
Fertiliser	2.89	2.83	Milk SI (€)	33	46	45
Vet	1.53	1.16	Fertility SI (€)	98	100	105
AI	0.59	0.61	PTA Milk kg	35	45	68
Contractor	2.41	1.86	PTA Fat %	0.08	0.13	0.12
Other variable costs	2.28	1.98	PTA Protein %	0.07	0.09	0.08
Total variable costs	12.1	12.9				
			Calving and Fertility	Year	Cows	Heifers
Machinery	1.51	1.67	Calving start date	2015	27-Jan-2015	27-Jan-2015
Car, ESB, Phone	0.99	1.47	Median calving date	2015	22-Feb-2015	08-Feb-2015
Depreciation	3.59	2.15	Calving Period	2015	13wk 2d	9wk 5d
Other fixed costs	9.4	5.07	Calving interval (days)	2015	409	-
Total fixed costs	15.49	10.31	Spr 6 wk calving rate (%)	2015	76	-
Total costs	27.6	23.21	Breeding season 2015			
Net profit	11	16.21	3 week submission rate%	2015	89	-
Net profit/cow €	479	832	6 week pregnancy rate%	2015	85	-
			Empty rate%	2015	14	-

Investments			Main AI Sires Used 2015	No. Straws	EBI (€)	Milk/Fert (€)
Parlour+dairy+yard	300000		XTG	29	329	90/187
Tanks	70000		NPY	28	259	92/128
Water system	15000		LWR	26	357	136/174
Roadways	25000		JRE	26	288	103/159
	€410,000		YAD	25	313	114/161
			GZY	25	345	110/215
			GENE IRELAND			/
			Weighted Average EBI	160	315	107/170

Current Performance				2015	2014
Grassland Management				End	Sold
	Today	Target	Milk Production	Sept	per cow
St. rate (milking platform)	2.4		Milk yield (litres/cow)	4508	4330
Demand (kg DM/ha)	40		Milk protein %	3.62	3.52
Pre-grazing yield (kg DM/ha)	2000		Milk fat %	3.96	4.04
Avg farm cover (kg DM/ha)	890		Milk solids (kg/cow)	352	337
Cover/LU (kg DM)	373				
Rotation length (days)	40		SCC,(000 cells/ ml)	179	298
			Meal fed (kg/cow)	450	270

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Financial Planning

	2014	2015	2016	2017	2018
Ha Farmed	114	88	88	88	88
Cow No.	135	140	165	190	190
Milk Supply lt	584,570	700,000	841,500	969,000	988,000
Fat %	4.04	4.04	4.1	4.2	4.35
Protein %	3.52	3.55	3.6	3.63	3.65
MS/Cow kg	340	392	408	415	432
Milk Price c/l	38.3	30	33	33.3	33.9
Milk Sales €	214698	202800	269775	314685	326796
Stock Sales€	75600	94400	64700	29860	59040
Total Farm Costs/Ha €	2036	2737	3032	3589	3471
Net Farm Profit/Ha €	952	1371	1371	1160	1292
60	66	66	58	68	60
Net Cash Flow €	1765	13517	47986	5881	52563

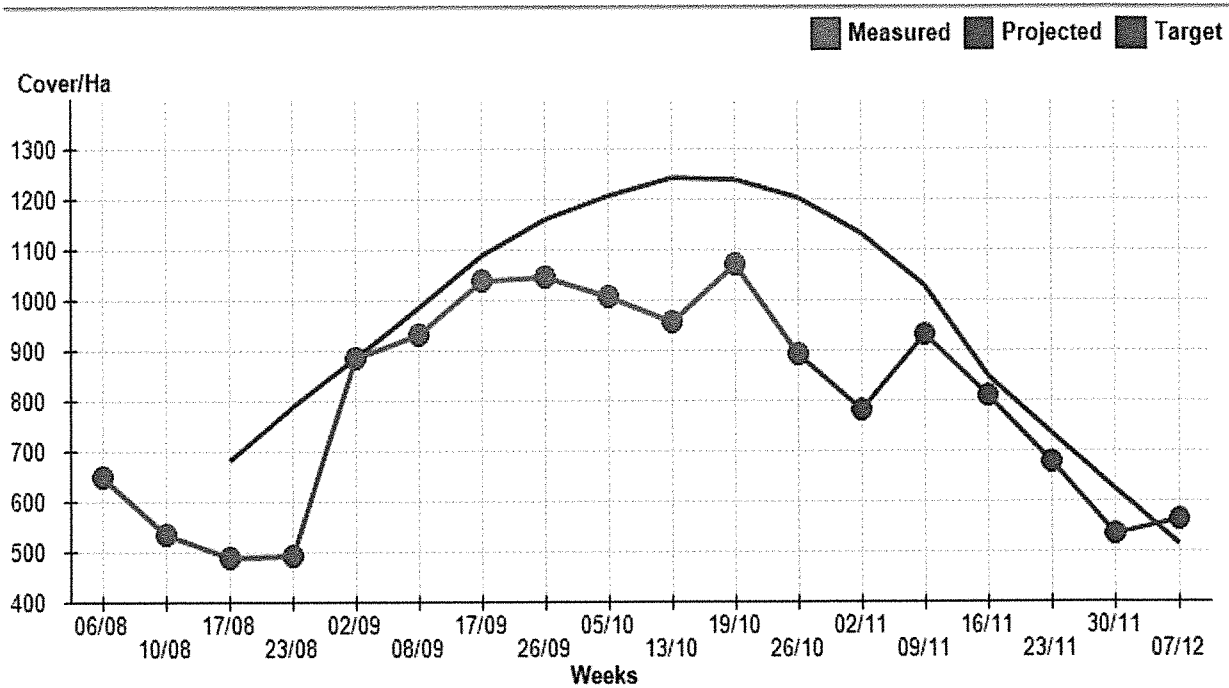
Month by month

Month		
Opening Current Account balance	€	A
Expected Receipts		
milk sales _____ litres @ _____ cpl	€	
Other sales	€	
Total Receipts	€	B
Expected Payments		
Living Expenses	€	
Loan Repayments	€	
Tax	€	
Farm Expenses (list)		
1. Creditors to be paid e.g. co-op trading a/c	€	
2. Known payments e.g. direct debit	€	
3.	€	
4.	€	
Total Expenses	€	C
Estimated Closing Current Account balance	€	A+B-C

Creditors at start of month	
	€
	€
	€
	€
	€

Creditors at end of month	
	€
	€
	€
	€
	€

Autumn grass budget 2015



Week Starting	05/10/15	13/10/15	19/10/15	26/10/15	02/11/15	09/11/15	16/11/15	23/11/15
Grazing Area	52.4	52.4	52.4	52.4	52.4	52.4	52.4	55.85
Target Cover	1206	1240	1239	1203	1132	1026	850	733
Projected Cover					782	932	810	676
Measured Cover	1004	954	1071	890	0	0	0	0
Growth	45	40	35	30	25	15	10	4
Spring Milkers	140	140	140	140	110	100	90	80
Grass	16	17	17	17	17	17	17	17
Meal	2	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Silage								
LU	140	140	140	140	110	100	90	80
Grass Demand	42.75	45.42	45.42	45.42	3.57	32.44	29.2	24.35
Stocking Rate	2.67	2.67	2.67	2.67	0.21	1.91	1.72	1.43
Cover/LU	376	357.3	401.1	333.3	3723.8	488	470.9	472.7

70:30 Autumn Planner

Farm Area (Ha)

Start Date

35 Days / 39.095 Ha Grazed

Interim Date

% To Graze By Interim Day

26 Days / 16.755 Ha Grazed

Housing Date

Notes:

Update/Save

Week	Ha/Day	Target Ha Grazed by week end	Target %	Actual Ha Grazed by week end	Actual %
01/10 - 07/10	1.12	7.82	14.0	7.04	12.6
08/10 - 14/10	1.12	15.64	28.0	18	32.2
15/10 - 21/10	1.12	23.46	42.0	24.3	43.5
22/10 - 28/10	1.12	31.28	56.0	30.35	54.3
29/10 - 04/11	1.12	39.10	70.0		
05/11 - 11/11	1.12	43.61	78.1		
12/11 - 18/11	0.64	48.12	86.2		
19/11 - 25/11	0.64	52.63	94.2		
26/11 - 02/12	0.64	55.85	100.0		

Grass growth 2015

Show Period

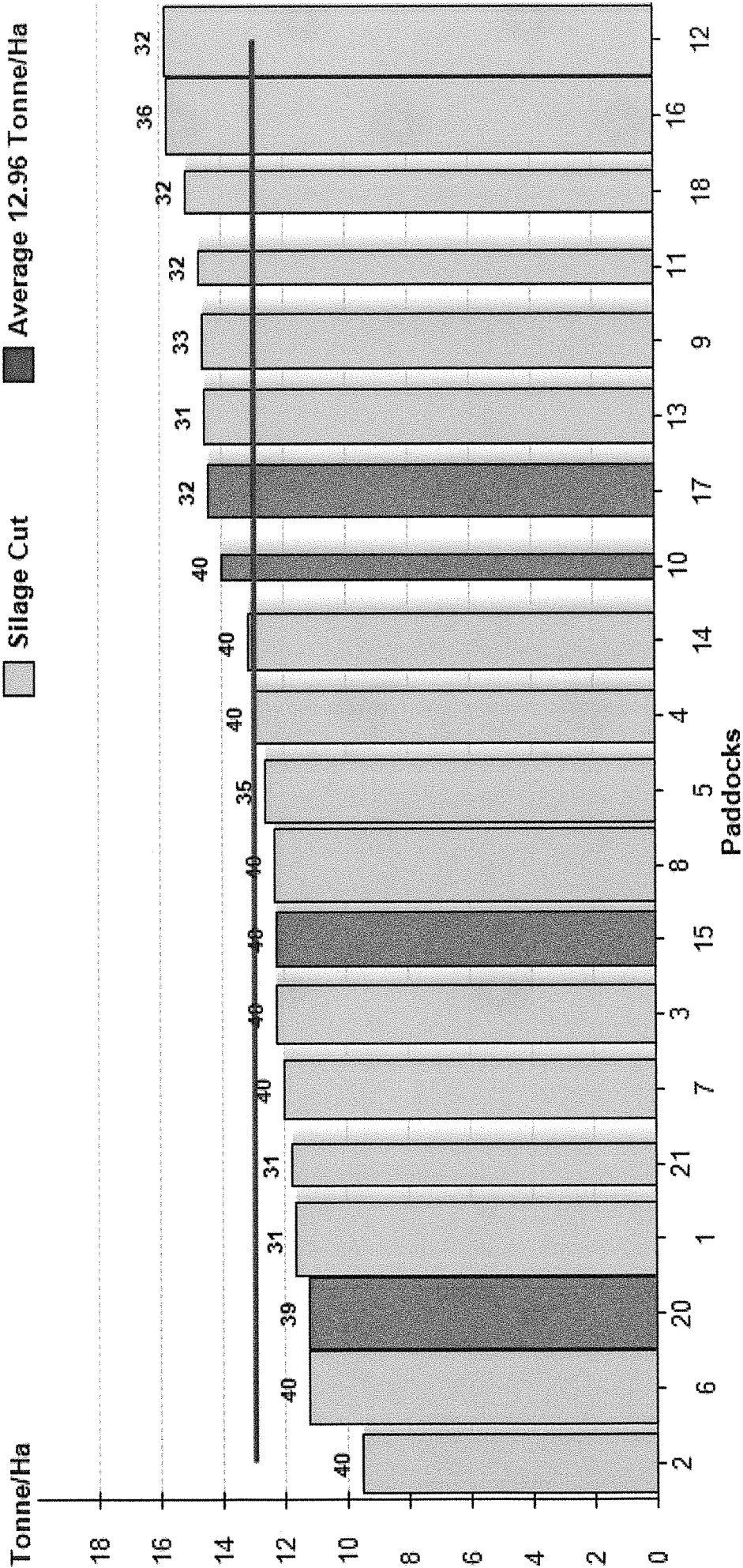
Exclude If Measured Less Than

22/12/2014 To 26/10/2015 (308 Days)

Sorted By: Tonnes/Ha - Ascending

☐ Silage Cut

☒ Average 12.96 Tonne/Ha



SUMMARY RESULTS REPORT

Vaccination Status			
IBR	BVD	LEPTO	Salmonella
Yes	No	Yes	Yes

John W. Cooper

COMMENT: Where cows/herds are currently vaccinated for BVD, IBR, Lepto; results for these tests may be affected by vaccination. Results are representative of milking cows whose milk is in the bulk tank at the time of sampling and relate only to the portion of the sample tested. All results should be discussed with your Veterinary Practitioner. Antibody levels indicate previous exposure to disease and/or vaccine. Positive results on antigen tests indicate the presence of that infectious disease in the milk sample.

Dry cow feeding to reach target BCS of 3.25 in 8wk dry period

BCS at Drying Off

Silage DMD (UFL)	<2.5	2.5	2.75	3.0+
>72 (0.81)	S+1C	S	SR	SR
68-72 (0.78)	S+2C	S+1C	S	SR
<68 (0.76)	S+3C	S+2C	S+1C	S

S = silage ad lib; SR = silage restricted

IC = 1kg meal; 2C = 2kg meal etc



Dry off dates for different dry period durations based on calving date

Dry Off Date

Calving Date	9 week dry	12 week dry	14 week dry
15-Jan	13-Nov	23-Oct	09-Oct
01-Feb	30-Nov	09-Nov	26-Oct
20-Feb	19-Dec	28-Nov	14-Nov
01-Mar	29-Dec	08-Dec	24-Nov
17-Mar	14-Jan	24-Dec	10-Dec
01-Apr	29-Jan	08-Jan	25-Dec



The effect of BC on fertility

Condition Score at 1 st Service	3 week Submission Rate	Pregnancy Rate after 42 days
Under 2.5	58%	50%
2.75	72%	57%
Over 3.0	73%	66%

Target Scores

	Herd Average
Drying off	3.0
Pre-Calving	3.25
Start of Breeding	2.9



RumenAde Specification

Grass Silage Fermented Patrick O'Gorman

Cust. Ref : **Patrick O'Gorman**
 Lab. Ref : **29334 / 79118**
 Farmer : **Patrick O'Gorman /**
 Date of harvest :
 Contact name : **David Hally**
 Lab reception : **02/10/2015**
 Analysis validated on : **07/10/2015**

Comments : **Bale 1**

14/10/2015

Analysis Desirable range

DRY MATTER (%)	54.3	(20-30)
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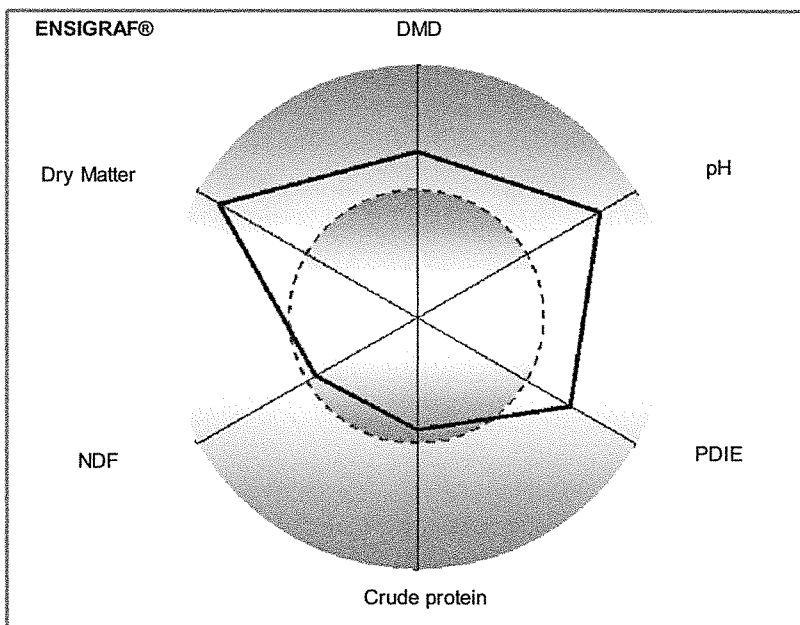
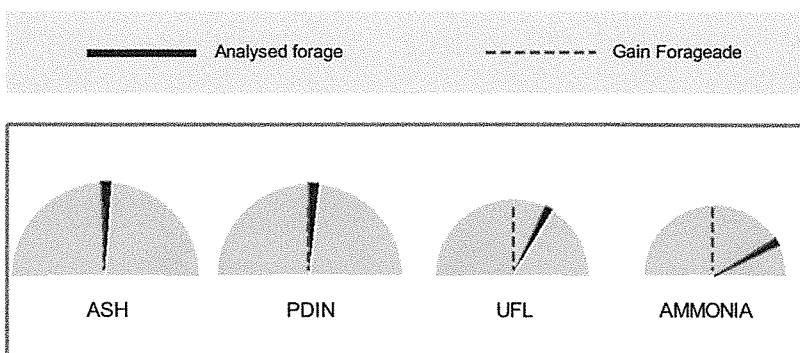
FILL UNIT		
Milk Fill Unit (/kg dm)	1.08	<1.16
Beef Fill Unit (/kg dm)	1.13	<1.25

ENERGY		
UFL (/kg dm)	0.85	0.65-0.90
ME (MJ/kg dm)	10.9	>9.8
UFV (/kg dm)	0.82	0.59-0.89
DMD (% dm)	75.1	>68.9
Tot. Avail. Carbohydrates (% dm)	53.7	50-55

PROTEIN		
Crude Protein (% dm)	13.7	13-16.5
PDIN (g/kg dm)	86	75-100
PDIE (g/kg dm)	80	65-78
TD (%)	73	<76
PDIA (g/kg dm)	31	>18
Ammonia (% of total N)	10.2	<10.1

RUMEN		
Crude Fiber (% dm)	23.8	<25
NDF (% dm)	43.3	<45
ADF (% dm)	26.6	<28
pH	5.2	3.8-4.7
DM4 (% dm)	53.2	45-55

MINERALS		
Ash (% dm)	8.8	<8.6



ADVICE AND INTERPRETATION

Eq. 232

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