

Johnstown Castle Winter Milk Herd- Weekly Management Notes

9/11/15

Winter diet for milkers

	Kgs/DM per cow	Kgs per cow As fed
In Parlour feed	5.2	6
Maize Silage	4.5	14
Grass Silage	8.5	30
Coarse blend	2.2	2.5
Total	20.4	

Management Comments

- Rainfall of 40.6mm & soil temp of 11 .8°C for last week. Still very mild, but grazing conditions have been poor. We have cows housed day & night since the very wet day on Sunday & we'll probably just leave them in at this stage, as the forecast for the next few days isn't great. We have approx 95% of our area closed, we would like to have grazed off one more paddock by day, which has a cover of ~1400kgs, but unless weather improves, there wouldn't be much benefit to grazing it.
- Cows have moved onto their winter milking diet (see table), we would expect a bit of a lift in yield once their settled in on this diet -capable of giving us ~ 30L/cow
- All Replacement stock are still out at grass, we'll house if ground conditions become too difficult. Priority group of replacements will be our autumn bulling heifers, we'd like them in & settled on their winter diet at least 3 weeks pre breeding. MSD 14/12/15.
- Planning to Dry off first batch of spring calving cows next week - low yielders, low B.C.S & early calvers. Due to lack of accommodation, empty spring calved cows have gone to the mart Today, straight from the parlour, average price of €710.

Milk production and feed details

	Autumn Calving Section	Spring Calving Section
<i>This Week (09/11/15) – cows in milk</i>	<i>Figures for period 2/11/15 – 9/11/15</i>	<i>Figures for period 2/11/15 – 9/11/15</i>
Milk Kg	26.4	17.9
Fat %	4.25	3.99
Protein %	3.56	4.13
Milk Solids kg	2.06	1.45
Parlour concentrate (kgs)	5	5
Silage kg dry matter per cow	5	5
Grazed grass kg cow	9	9
% of Herd Milking	81	100
<i>Lactation to date</i>		
Days in Milk	48	252
Milk kg	1096	6199
Milk Solids kg	93	475
Concentrate Fed	150	503kg parlor & 105kg tmr

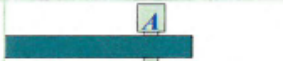








First Cut Silage -Pit

Item	Units	Desirable Values	Result	Status
Dry Matter	%	20 - 30	28.5	-
pH	-	4 - 4.7	4.2	Good
Ammonia N	% of Total N	< 10.1	8.3	Good
ASH	%	< 8.6	9.1	Moderate
NDF	%	< 45.0	45.80	Moderate
DMD	%	> 68.9	73.7	Good
ME	MJ/kg	> 9.8	10.6	Good
Crude Protein	%	13.5 - 17	14.0	Good

Item	Units	Normal Range	Result	Status
PDIN	g/kg	65 - 102	83	A
PDIE	g/kg	58 - 83	77	
PDIA	g/kg	16 - 37	25	
UFL	per kg	.65 - .90	0.83	
UFV	per kg	.59 - .89	0.79	
SFU	per kg	1.04 - 2.81	1.61	
LFU	per kg	.95 - 1.89	1.29	
CFU	per kg	.96 - 1.92	1.30	






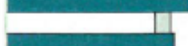



Surplus Baled silage

Item	Units	Desirable Values	Result	Status
Dry Matter	%	20 - 30	42.0	-
pH	-	4 - 4.7	4.9	Moderate
Ammonia N	% of Total N	< 10.1	13.2	Moderate
ASH	%	< 8.6	9.8	Moderate
NDF	%	< 45.0	44.20	Good
DMD	%	> 68.9	76.0	Good
ME	MJ/kg	> 9.8	11.0	Good
Crude Protein	%	13.5 - 17	15.0	Good

Item	Units	Normal Range	Result	Status
PDIN	g/kg	65 - 102	89	
PDIE	g/kg	58 - 83	82	
PDIA	g/kg	16 - 37	27	
UFL	per kg	.65 - .90	0.86	
UFV	per kg	.59 - .89	0.83	
SFU	per kg	1.04 - 2.81	1.23	
LFU	per kg	.95 - 1.89	1.03	
CFU	per kg	.96 - 1.92	1.05	
DM Intake Cattle	g/kg W ^{0.75}	70 - 130	128	

Second cut silage - Pit

Item	Units	Desirable Values	Result	Status
Dry Matter	%	20 - 30	24.3	-
pH	-	4 - 4.7	4.1	Good
Ammonia N	% of Total N	< 10.1	5.8	Good
ASH	%	< 8.6	9.0	Moderate
NDF	%	< 45.0	49.60	Moderate
DMD	%	> 68.9	69.9	Good
ME	MJ/kg	> 9.8	10.0	Good
Crude Protein	%	13.5 - 17	13.0	Low

Item	Units	Normal Range	Result	Status
PDIN	g/kg	65 - 102	77	
PDIE	g/kg	58 - 83	74	
PDIA	g/kg	16 - 37	24	
UFL	per kg	.65 - .90	0.78	
UFV	per kg	.59 - .89	0.74	
SFU	per kg	1.04 - 2.81	1.76	
LFU	per kg	.95 - 1.89	1.38	
CFU	per kg	.96 - 1.92	1.40	
DM Intake Cattle	g/kg W ^{0.75}	70 - 130	96	

Coarse Blend	% as fed
Barley (rolled)	25.00
Beet pulp	25.00
Maize distillers	15.00
<u>Soyabean meal 48% CP</u>	35.00

Parlour Con

- 18 HE
- UFL 0.95+
- PDIE 125+
- 30% Cereal
- + Mins

Replacement Weights

Group	Autumn Born 2013 D.O.B: 8/10/13 Avg EBI: 206	Spring Born 2014 D.O.B: 25/02/14 Avg EBI: 205	Autumn Born 2014 D.O.B: 3/10/14 Avg EBI: 221	Spring Born 2015 D.O.B: 17/02/15 Avg EBI: 230
Birth	38	39	39	36
28-May-14	216			
22-Jul-14	284	155		
22-Sep-14	335	226		
11-Dec-14	377 (breeding)			
6-Feb-15		297		
21-Apr-15	468	391 (breeding)	186	
28-Jul-15	562	471	288	158
31-Aug-15	597	518	317	191
30-Sep-15		549	351	220
3-Nov-15		577	376	245