

Teagasc, Dairy Production Department, Moorepark			Herd Fertility Summary Report		
Date Produced: 19-APR-13			Page 1 of 6		
<div>Farmer: Greenfield - M Long Greenfield GROVE, DUNBELL CO KILKENNY</div> <div>Advisor: Abigail Ryan</div> <div>Vet. Practice: John Mee</div> <div>Calving Period:Spring (01/01/12 to 30/06/12)</div>	Performance Statistics		Cows (LN >= 1)		
	Cows Calved (No.)		305		
	Calving Period (Dates)		23/01/12 to 30/05/12		
	Mean Calving Date (MCD)		07/03/12		
	Breeding Period (Dates)		23/04/12 to 21/07/12		
	Breeding Period (Days)		89		
	Served of Available % (No.)		96 (286/298)		
	Group: 6 Farm: 13				

Performance Statistics		Result	Poor	Achievable	Good
Calving	Calving Rate (to all services within 8 weeks of CSD)*	70%	<div> <div><70%</div> <div></div> <div>>85%</div> </div>		
	Calving Interval (current)	375 days	<div> <div>>380 days</div> <div></div> <div><365 days</div> </div>		
	Re-calved Rate (in same calving period as last year)	46%	<div> <div><70%</div> <div></div> <div>>85%</div> </div>		
Oestrus	Submission Rate -21d (of cows calved up to MSD + 20d)*	69%	<div> <div><60%</div> <div></div> <div>>90%</div> </div>		
	Normal Repeats (all services, 18-24d)	56%	<div> <div><45%</div> <div></div> <div>>60%</div> </div>		
	Oestrus Detection Rate (entire breeding period)	96%	<div> <div><80%</div> <div></div> <div>>90%</div> </div>		
Pregnancy	First Service Pregnancy Rate (56d NRR or PD positive)*	49%	<div> <div><45%</div> <div></div> <div>>60%</div> </div>		
	6-week Pregnancy Rate (within 6 wk of MSD)	60%	<div> <div><50%</div> <div></div> <div>>80%</div> </div>		
	Overall Pregnancy Rate (within 25wk of MSD)	86%	<div> <div><80%</div> <div></div> <div>>95%</div> </div>		

* CSD = Calving Start Date, MSD = Mating Start Date, PD = Pregnancy Detection

For all data relating previous to current calving e.g. Calving Rate, Calving Interval, Re-calved Rate, Calving Pattern(current), the total number of cows is used.

Teagasc, Dairy Production Department, Moorepark			Calving Report		
Date Produced: 19-APR-13			Page	2	of 6
Farmer:	Greenfield - M Long Greenfield GROVE, DUNBELL CO KILKENNY	Performance Statistics		Cows (LN >= 1)	
		Cows Calved (No.)		305	
		Calving Period (Dates)		23/01/12 to 30/05/12	
		Calving Period (Days)		128	
		Mean Calving Date (MCD)		07/03/12	
Advisor:	Abigail Ryan				
Vet. Practice:	John Mee				
Calving Period: Spring		(01/01/12 to 30/06/12)			
Group:	6	Farm:	13		

Calving Performance		
Performance Statistics	Result % (No.)	Achievable
Calved at Mating Start Date (MSD)	92 (274/298)	90 - 100
Late Calving Cows (<42d calved or not calved at MSD)	38 (113/298)	10 - 30
Calving Rate (8-week)	70 (215/305)	70 - 85
Calving Interval (current)	375d	380 - 365
Re-calved Rate (in same calving period as last year)	46 (140/305)	70 - 85

Calving Pattern - Current and Predicted						
Current	Jan 12	Feb 12	Mar 12	Apr 12	May 12	Jun 12
Aborted cows						
Induced cows						
Full-term cows	14	134	97	38	22	
Total cows (%)	14(5)	134(44)	97(32)	38(12)	22(7)	
Predicted	Jan 13	Feb 13	Mar 13	Apr 13		
Total Cows (%)	4(2)	126(55)	68(30)	30(13)		

For all data relating previous to current calving e.g. Calving Rate, Calving Interval, Re-calved Rate, Calving Pattern(current), the total number of cows is used.

Teagasc, Dairy Production Department, Moorepark			Oestrus Report		
Date Produced: 19-APR-13			Page 3 of 6		
Farmer: Greenfield - M Long Greenfield GROVE, DUNBELL CO KILKENNY Advisor: Abigail Ryan Vet. Practice: John Mee Calving Period: Spring (01/01/12 to 30/06/12)	Performance Statistics				
	Available for Service (No.) [NAFS]*		298 [7]		
	Served of Available % (No.)		96 (286/298)		
	Breeding Period (Dates)		23/04/12 to 21/07/12		
	Breeding Period (Days)		89		
Group: 6 Farm: 13					

Accuracy of Oestrous Detection			
Repeat Interval	Days	Result % (No.)	Achievable
Same Oestrous	0-1	4 (9/210)	0 - 5
Short	2-17	16 (34/210)	5 - 10
Normal	18-24	56 (117/210)	55 - 65
Long	25-35	12 (25/210)	10 - 20
Double	36-48	9 (18/210)	10 - 15
Late	>48	3 (7/210)	5 - 10
All (repeats for all services)	–	100 (210/210)	–

Efficiency of Oestrous Detection			
Performance Statistics	Units	Result	Achievable
Calving to Service Interval (CSI)	days [SD]	64 [23]	70 - 80
Pre-MSD Oestrous Detection Rate (21d) **	% (No.)	(0/274)	60 - 90
Submission Rate (7d)	% (No.)	19 (52/275)	20 - 30
(14d)	% (No.)	51 (145/283)	40 - 60
(21d)	% (No.)	69 (199/287)	60 - 90
(89d)	% (No.)	96 (286/298)	90 - 100
Oestrous Detection Rate (Breeding Period)	% (No.)	96 (496/516)	80 - 90
Non Detected Oestrus (NDO)	% (No.)	21 (61/286)	10 - 20
Repeat Ratio (18-24:36-48d)	–	6.5	4 - 6

Submission Rate (21d) - Risk Factors			
Risk Factor	Units	Result % (No.)	Achievable
Lactation	1	76 (35/46)	60 - 90
	2 - 4	71 (131/184)	60 - 90
	>= 5	58 (33/57)	60 - 90
Days Calved Pre-MSD	< 42*	42 (43/102)	50 - 90
	42 - 84	85 (144/170)	55 - 90
	>= 85	78 (7/9)	60 - 90
Body Condition Score (BCS) at MSD	< = 2.50	(0/0)	50 - 90
	2.75 - 3.00	(0/0)	60 - 90
	>= 3.25	(0/0)	60 - 90

* NAFS = Not Available for Service/ To Be Culled/ Sold/ Dead
** Includes cows calved up to MSD+20d, MSD = Mating Start Date

For all data relating previous to current calving e.g. Calving Rate, Calving Interval, Re-calved Rate, Calving Pattern(current), the total number of cows is used.

Teagasc, Dairy Production Department, Moorepark			Pregnancy Report		
Date Produced: 19-APR-13			Page 4 of 6		
<div><div>Farmer:</div><div>Greenfield - M Long Greenfield GROVE, DUNBELL CO KILKENNY</div></div> <div><div>Advisor:</div><div>Abigail Ryan</div></div> <div><div>Vet. Practice:</div><div>John Mee</div></div> <div><div>Calving Period: Spring</div><div>(01/01/12 to 30/06/12)</div></div>	Performance Statistics				
	Available for Service (No.) [NAFS]*		298 [7]		
	Served of Available % (No.)		96 (286/298)		
	Breeding Period (Dates)		23/04/12 to 21/07/12		
	Breeding Period (Days)		89		
<div><div>Group: 6</div><div>Farm: 13</div></div>					

Conception Pattern			
Performance Statistics	Units	Result	Achievable
MSD to First Service**	days [SD]	19 [17]	10 - 25
MSD to Conception	days [SD]	33 [24]	15 - 40
Calving to Conception Interval (CCI)	days [SD]	80 [28]	85 - 95
Services per Conception (all services)	(No.)	1.9 (496/257)	1.7 - 2.2
Services per Conception (pregnant only)	(No.)	1.7 (431/257)	1.5 - 1.8
Repeat Breeders (>=3 services and NIC)	% (No.)	3 (10/298)	10 - 20
First Service Pregnancy Rate	% (No.)	49 (140/286)	45 - 60
Second Service Pregnancy Rate	% (No.)	52 (72/138)	45 - 60
>= Third Service Pregnancy Rate	% (No.)	63 (45/72)	45 - 60
6 - week Pregnancy Rate	% (No.)	60 (179/298)	50 - 80
13 - week Pregnancy Rate	% (No.)	86 (257/298)	75 - 95
25 - week Pregnancy Rate	% (No.)	86 (257/298)	80 - 95
Overall Infertile Rate	% (No.)	14 (41/298)	10 - 25
Available for Service - Not Served	% (No.)	4 (12/298)	10 - 15
Available for Service - Not in Calf (NIC)	% (No.)	10 (29/298)	0 - 10

First Service Pregnancy Rate - Risk Factors			
Risk Factor	Units	Result % (No.)	Achievable
Lactation	1	46 (21/46)	50 - 60
	2 - 4	53 (100/189)	45 - 60
	>= 5	37 (19/51)	45 - 60
Days Calved Pre MSD	< 42	42 (49/116)	25 - 60
	42 - 84	53 (86/161)	45 - 60
	>= 85	56 (5/9)	45 - 60
Body Condition Score (BCS) at MSD	<= 2.50	(0/0)	35 - 60
	2.75 - 3.00	(0/0)	45 - 60
	>= 3.25	(0/0)	45 - 60

* NAFS = Not Available for Service/ To Be Culled/ Sold/ Dead

** MSD = Mating Start Date

For all data relating previous to current calving e.g. Calving Rate, Calving Interval, Re-calved Rate, Calving Pattern(current), the total number of cows is used.

Date Produced: 19-APR-13

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Farmer: Greenfield - M Long
Greenfield
GROVE, DUNBELL
CO KILKENNY

Advisor: Abigail Ryan

Vet. Practice: John Mee

Calving Period: Spring (01/01/12 to 30/06/12)

Performance Statistics

Available for Service (No.) [NAFS]* 298 [7]

Served of Available % (No.) 96 (286/298)

Breeding Period (Dates) 23/04/12 to 21/07/12

Breeding Period (Days) 89

Group: 6 **Farm:** 13



Dates	23-APR-12 29-APR-12	30-APR-12 08-MAY-12	09-MAY-12 18-MAY-12	19-MAY-12 31-MAY-12	01-JUN-12 19-JUN-12	20-JUN-12 21-JUL-12
Days	6	8	9	12	18	31
Services (No.)	54	110	82	82	89	82
Pregnant (%)	25 (46)	56 (51)	46 (56)	32 (41)	48 (54)	50 (61)

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For all data relating previous to current calving e.g. Calving Rate, Calving Interval, Re-calved Rate, Calving Pattern(current), the total number of cows is used.

Teagasc, Dairy Production Department, Moorepark			Insemination Report	
Date Produced: 19-APR-13			Page	6 of 6
Farmer: Greenfield - M Long Greenfield GROVE, DUNBELL CO KILKENNY Advisor: Abigail Ryan Vet. Practice: John Mee Calving Period: Spring (01/01/12 to 30/06/12)	Performance Statistics			
	Cows Calved (No.)		305	
	Available for Service (No.) [NAFS]*		298 [7]	
	Served of Available % (No.)		96 (286/298)	
	Breeding Period (Dates)		23/04/12 to 21/07/12	
	Breeding Period (Days)		89	
Group: 6 Farm: 13				

Pregnancy Rate per Service % (No.)						
Sire Code	1	2	3	4	>= 5	All
EKE	67 (4/6)	20 (1/5)	33 (1/3)			43 (6/14)
FEA	50 (4/8)	73 (8/11)	88 (7/8)	75 (3/4)		71 (22/31)
GFS	27 (3/11)	50 (3/6)				35 (6/17)
HYK	(0/1)	(0/1)	(0/1)			(0/3)
HYZ	33 (1/3)	60 (6/10)	(0/2)			47 (7/15)
LHZ	67 (47/70)	65 (13/20)	54 (7/13)			65 (67/103)
MJS		(0/2)	(0/1)	100 (1/1)		25 (1/4)
MOK	(0/3)					(0/3)
OKM	48 (31/64)	36 (4/11)	100 (2/2)			48 (37/77)
PKU	33 (14/43)	33 (1/3)				33 (15/46)
PSH	29 (6/21)	27 (6/22)	100 (1/1)			30 (13/44)
SBUL	(0/1)	55 (6/11)	69 (9/13)	56 (5/9)	100 (1/1)	60 (21/35)
TEZ	(0/1)	67 (2/3)				50 (2/4)
TIO	69 (11/16)	63 (10/16)	50 (1/2)			65 (22/34)
TJF	33 (2/6)	33 (1/3)	25 (1/4)	(0/1)		29 (4/14)
VBT	75 (3/4)					75 (3/4)
WTL	50 (14/28)	79 (11/14)	100 (5/5)	100 (1/1)		65 (31/48)

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For all data relating previous to current calving e.g. Calving Rate, Calving Interval, Re-calved Rate, Calving Pattern(current), the total number of cows is used.