

Sheet1

Paddock preparation – 1st spray 10th March 2010, 2nd spray and sow 27th April 2010

Pasture assessments - April 2010 to June 2012			
	Treatment 1 (lucerne/phalaris based)	Treatment 2 - (ryegrass/sub clover based)	Treatment 3 - (fescue/sub clover based)
pasture cuts			
pasture yields - Nov 2010	2240 kgDMha	3580 kgDMha	3120 kgDMha
pasture yields - Feb 2011	3475 kg/ha DM	4210 kg/ha DM	5515kg/ha DM
pasture yields - Mar 2011	3443 kg/ha DM	2500 est	4000est
pasture yields - April/May 2011	4560 kg/ha DM	3264 kg/ha DM	7533 kg/ha DM
pasture yields - June 2011	5966 kg/ha DM	4154 kg/ha DM	4277 kg/ha DM
pasture yields - Mar 2012	2284.8 kg/ha DM	1789.2 kg/ha DM	2572.8 kg/ha DM
pasture yields - May 2012	1830.4 kg/ha DM	1570.4 kg/ha DM	2354.4 kg/ha DM
FEED QUALITY			
	23-Mar-11	13-Apr-11	4-May-11
% dry matter	14.2	24.7	18.2
% crude protein	23.9	13.5	16.4
Metab. Energy (ME) MJ/kg DM	9.8	8.8	9.6
% DMD (dry matter digestibility)	67	60	65
	30-Jun-11	30-Jun-11	30-Jun-11
% dry matter	34.2	40.7	29.4
% crude protein	11.5	10.4	10.7
Metab. Energy (ME) MJ/kg DM	8.5	8.4	8.1
% DMD (dry matter digestibility)	59	58	56
	21-Nov-11	21-Nov-11	21-Nov-11
% dry matter	19.6	24.2	24.6

Sheet1

% crude protein	17.3	9.5	7.5
Metab. Energy (ME) MJ/kg DM	9.3	9.1	7.7
% DMD (dry matter digestibility)	63	62	54
	21-Mar-12	21-Mar-12	21-Mar-12
% dry matter	17.3	17.3	19.6
% crude protein	24.4	22.8	20.4
Metab. Energy (ME) MJ/kg DM	11.2	11.6	10.7
% DMD (dry matter digestibility)	75	77	72
	11-May-12	11-May-12	11-May-12
% dry matter	24.7	25.4	23.9
% crude protein	21.1	20.9	22
Metab. Energy (ME) MJ/kg DM	10.4	11	10.8
% DMD (dry matter digestibility)	70	74	72
	Treatment 1 (lucerne/phalaris based)	Treatment 2 - (ryegrass/sub clover based)	Treatment 3 - (fescue/sub clover based)
stock measurements			
1st grazing	14 Nov 2010 to 12 Dec 2010	14 Nov 2010 to 12 Dec 2010	14 Nov 2010 to 12 Dec 2010
total lwt gain / ha	178 kg/ha	181 kg/ha	217 kg/ha
daily gain per head	166 gms	187.5 gms	180 gms
2nd grazing	Dec 2010 (16 days)	Dec 2010/Jan 2011 (16 days)	Jan 2011 (14 days)
total lwt gain / ha	373	168	210
daily gain per head			
3rd grazing	Jan/Feb 2011 (14 days)		
total lwt gain / ha	155kg/ha		
daily gain per head			
4th Grazing	Mar/Apr 2011 (21 days)	Apr/May 2011 (21 days)	May 2011 (24 days)
avg weight (start)	20.48	24.06	28.41

Sheet1

avg weight (finish)	24.06	28.41	31.1
total lwt gain / ha	178kg/ha	183kg/ha	167kg/ha
daily gain per head	177gms	180gms	160gms
4th Grazing	1 June 11 to 20 June 11 (20 days)	20 June to 5 Jul 11(15 days)	5 Jul to 26 Jul 11(21 days)
avg weight (start)	31.1	32.4	31.57
avg weight (finish)	32.4	31.57	33.1
total lwt gain / ha	72.96 kg/ha	-42.33	94.58
daily gain per head	63gms	-40gms	72gms
stocking rates	Aug/Sept 2011	July/Sept 30XB lms	05/08/2011-15/10/11
	22 XB ewes, 39 rams	Oct 11 39 rams	25 mer ewes twins
	1/10-24/10/11	25/10/11-7/11/11	7/11/11-19/11/11
	43 1stx ewe lms twins	43 1stx ewe lms twins	190ewes and lms
5th Grazing	1 Apr to 1 May 12 (30 days)	1 Apr to 1 May 12 (30 days)	1 Apr to 1 May 12 (30 days)
avg weight (start)	26.5	26.5	26.5
avg weight (finish)	33.88	36.25	31.88
total lwt gain / ha	246	325	183
daily gain per head	250gms	330 gms	180 gms



CARING
FOR
OUR
COUNTRY