



Independent 2013 ASN Winter Dairy Trial Results

ASN Trial Results - Ashburton Dairy Unit

Growth rates between 19 August to 23 September 2013

ASN Treated paddocks (160kgs / hectare) 41.6 Units N			
Paddock #	Av kgDM growth rate/day	Days	Total DM Grown
5	30	24	720
6	37	14	518
7	45	28	1260
10	48	28	1344
11	42	28	1176
15	36	28	1008
17	30	28	840
20	33	14	462
22	35	28	980
25	34	14	476
26	30	21	630
32	26	14	364
		269	9778
		kg/day	36.3

35% extra grass grown in 28 days

Extra 10kg grass per hectare @ 12 ME = 122ME per hectare per day!!
100ha farm over a 28 day period would make extra \$31,720

122 x 100 x 28 = 341,600 MJME

70 MJME to make 1 milk solid = extra 4880 MS @ \$6.50/MS

Ammo 36 Treated paddocks (125kgs / hectare) 45 Units N			
Paddock #	Av kgDM growth rate/day	Days	Total DM Grown
1	21	14	294
2	26	21	546
3	45	28	1260
4	40	28	1120
8	14.5	21	304.5
9	32	14	448
12	33	21	693
14	36	21	756
16	33	21	693
18	24	21	504
19	26	21	546
21	24	35	840
24	14.2	21	298.2
23	29	21	609
27	20	25	500
29	30.9	28	865.2
30	23	21	483
31	10	28	280
		410	11039.9
		kg/day	26.9

ASN Trial Results - Fairlie Dairy Unit

Growth rates between 19 August to 23 September 2013

ASN Treated paddocks (160kgs / hectare) 41.6 Units N			
Paddock #	Av kgDM growth rate/day	Days	Total DM Grown
-	50	28	1400
		kg/day	50

92% extra grass grown in 28 days

Extra 24kg grass per hectare @ 12 ME = 288ME per hectare per day!!
100ha farm over a 28 day period would make extra \$74,880

288 x 100 x 28 = 806,400 MJME

70 MJME to make 1 milk solid = extra 11520 MS @ \$6.50/MS

Ammo 36 Treated paddocks (125kgs / hectare) 45 Units N			
Paddock #	Av kgDM growth rate/day	Days	Total DM Grown
-	26	28	728
		kg/day	26

ASN Trial Results - Flemington Dairy Unit

Growth rates between 19 August to 23 September 2013

ASN Treated paddocks (160kgs / hectare) 41.6 Units N			
Paddock #	Av kgDM growth rate/day	Days	Total DM Grown
-	44.61	28	1249.08
		kg/day	44.6

53% extra grass grown in 28 days

Extra 15kg grass per hectare @ 12 ME = 180ME per hectare per day!!
100ha farm over a 28 day period would make extra \$46,800

180 x 100 x 28 = 504,000 MJME

70 MJME to make 1 milk solid = extra 7200 MS @ \$6.50/MS

Ammo 36 Treated paddocks (125kgs / hectare) 45 Units N			
Paddock #	Av kgDM growth rate/day	Days	Total DM Grown
-	29.21	28	817.88
		kg/day	29.21

