



Independent 2013 ASN Winter Dairy Trial Results

ASN Trial Results - Ashburton Dairy Unit

Growth rates between 19th August to 16th 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/per day	36.3

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
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
		375	10199
		kg/per day	27.2

33% extra grass grown in 28 days

Extra 10kg grass per hectare @ 12 ME = 122ME per hectare per day!!

100 ha farm over a 28 day period would make extra \$17,596

122 x 100 x 28 = 315,840 MJME.

70 MJME to make 1 milk solid = extra 4512 MS @ \$3.90/MS

ASN Trial Results - Fairlie Dairy Unit

Growth rates between 19th August to 16th 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/per day	50.0

Ammo 36 Treated paddocks (125kgs / hectare) 45 Units N			
Paddock #	Av kgDM growth rate /day	days	total DM grown
-	26	28	728
		kg/per day	26.0

96% extra grass grown in 28 days

Extra 24kg grass per hectare @ 12 ME = 288ME per hectare per day!!

100 ha farm over a 28 day period would make extra \$44,928

288 x 100 x 28 = 806,400 MJME.

70 MJME to make 1 milk solid = extra 11520 MS @ \$3.90/MS

ASN Trial Results - Flemington Dairy Unit

Growth rates between 19th August to 16th 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/per day	44.6

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/per day	29.21

54% extra grass grown in 28 days

Extra 15kg grass per hectare @ 12 ME = 180ME per hectare per day!!

100 ha farm over a 28 day period would make extra \$28,080

180 x 100 x 28 = 504,000 MJME.

70 MJME to make 1 milk solid = extra 7200 MS @ \$3.90/MS

