

Results - Pasture

Independent Pasture Trial - Canterbury NZ

An independent pasture trial run by PastureFirst showed that EMNZ Products Enhance Production, Clover and help to reduce Nitrogen. All three EM products showed that they have a positive effect on pasture production. While on their own the level of dry matter production was lower than that of high rates of nitrogen, in combination with lower rates of nitrogen they provide significant benefits.

The total dry matter produced by combining either Plant-Stim or EM Soil and Crop with 40kg urea/ha, was equivalent to that grown by applying 80kg urea/ha. This means that farmers can reduce their nitrogen inputs, but can grow equivalent amounts of pasture by adding in one of these EM products. This has significant production, economic and environmental benefits. The increased level of clover being able to be produced by implementing the above system, compared to high nitrogen systems, will also be a long-term benefit for pastoral farmers.

TREATMENT	TOTAL	
Control	11668	d
Urea Full (80 units)	14665	a
Urea Half (40 units)	13134	bc
EM Soil & Crop (20L)	12340	cd
EM Soil & Crop (20L) + Urea (40 units)	14242	a
Plant-Stim (1L)	13117	bc
Plant-Stim + Urea (40 units)	14389	a
EM Fert Enhance (10kg)	12951	c
EM Fert Enhance (10kg) + Urea (40 units)	14034	ab
CV%	6.6	
LSD 5%	1036	
F prob.	0.000	

