

2014 Loveland Agri Products Trial Data

Loveland Products foliar trial –
Grass pasture – Braidwood NSW

Trial Setup

- Replicated and randomised side by side
- Plot size = 10 m X 30 m

Spray date	04/09/2014
Site	Braidwood
Variety	Australian Phalaris + Porto Cocksfoot
GSP	UAN + Pro Gibb 40lt + 20gm
DM/ha @ application	500 kg/ha

Trial Protocol

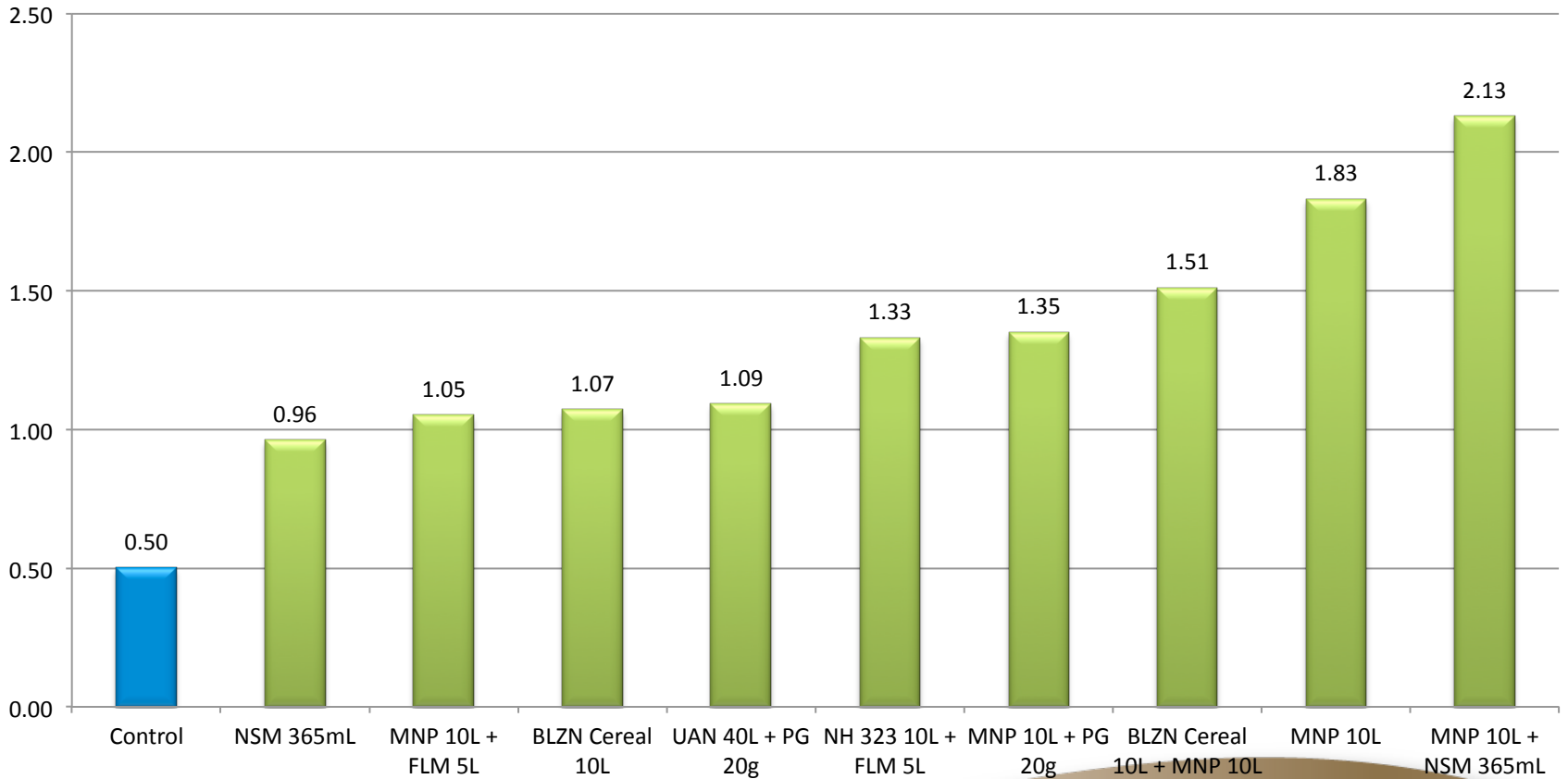
Treatment	Rate/ha	Timing
Nutrisync M	365 ml	Post graze
UAN + Pro Gibb	40L + 20gm	Post graze
Maximum N Pact + Pro Gibb	10L+ 20 gm	Post graze
Maximum N Pact	10L	Post graze
Maximum N Pact + Nutrisync M	10L+365ml	Post graze
Black Label Zinc (cereal)	10L	Post graze
Black Label Zinc (cereal) + Maximum N Pact	10L + 10L	Post graze
Maximum N Pact + Foundation LM	10L + 5L	Post graze
Nitro Humus 323 + Foundation LM	10L + 5L	Post graze
UTC		

Yield - T/ha

Treatment	Rate/ha	Wet WGT/ha	Yield Dm/ha
Nutrisync M	365 ml	3.55 bc	0.96 bc
UAN + Pro Gibb	40L + 20gm	3.94 bc	1.09 bc
Maximum N Pact + Pro Gibb	10L+ 20 gm	4.81 bc	1.35 ab
Maximum N Pact	10L	7.21 ab	1.83 ab
Maximum N Pact + Nutrisync M	10L+365ml	10.74 a	2.13 a
Black Label (cereal)	10L	3.83 bc	1.07 bc
Black Label (cereal) + Maximum N Pact	10L + 10L	5.65 b	1.51 ab
Maximum N Pact + Foundation LM	10L + 5L	3.67 bc	1.05 bc
Nitro Humus 323 + Foundation LM	10L + 5L	4.79 bc	1.33 ab
Untreated	0	1.83 c	0.5 c

LSD (P=.05) = 0.173 CV = 28.8
500 kg/ha @ application

Yield – T DM/Ha



LSD (P=.05) = 0.173 CV = 28.8

Conclusions

- Trial conducted in a grass pasture trial @ Braidwood in the Southern highlands, pasture suitable for cattle.
- 0.5 T/ha of DM assessed at application taken as an average across the site, @ 30 DAA UTC recorded only 0.5t/ha due to the untreated plots occurring in the poorest part of the plots.
- Samples recorded as a wet weight and dried down to give dry matter / ha (DM/ha) using a dehydrator.
- Treatments with Maximum N Pact proved to be the most beneficial for dry matter production with all but one out yielding the GSP (UAN + Pro Gibb)
- Maximum N Pact @ 10L/ha proved to be equivalent to or superior to UAN @ 40L/ha