

Productivity Highlights

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Extra pasture growth from Super Phos at Narrogin

Key messages

- Topdressing pastures annually with Super Phos increases the capacity of paddocks to carry stock and reduces the need for more expensive hand-feeding
- Topdressing improves nutritive value of pastures by boosting energy (ME) and protein levels
- Remember, to get the best responses from extra nitrogen applications on pasture, phosphorus (P), potassium (K) and sulfur (S) levels must be adequate
- Topdressing of pastures with Super Phos improves plants persistence and performance.

Background

Super Phos and Muriate of Potash strips were top-dressed onto pasture in Narrogin during autumn 2002. Applications were repeated in autumn 2003.

Soil Analysis 2002

P = 18ppm; K = 70ppm; Reactive Fe = 780ppm;
pH (CaCl₂) = 5.0

Results

Early pasture growth nearly doubled with application of Super Phos. There was no additional increase in pasture production from Muriate of Potash at this site.

Treatments (kg/ha)	Dry Matter Production (t/ha)		
	First Cut 12/6/2003	Total to 22/8/2003	Total Response
Nil	1.1	3.3	-
100 Super Phos	1.4	4.0	0.7
200 Super Phos	1.9	4.7	1.4
300 Super Phos	2.0	4.6	1.3



Early pasture growth response on 4th June 2003 to 200 kg/ha Super Phos topdressed in March 2003