

NEW SOUTH WALES

Legume species	<input type="text"/>	Crop dry mass (t/ha)	<input type="text"/>
Mill by-product	<input type="text"/>	Rate (t/ha)	<input type="text"/>

Ameliorants

Lime

Cation exchange capacity (CEC)	<input type="text"/>	→	<input type="text"/> tonnes/ha (Table 1) Lime
Calcium (meq/100g)	<input type="text"/>	→	<input type="text"/> tonnes/ha (Table 2) Lime
Ca contributions from mill by-products			<input type="text"/> t/ha (Table 6)

Magnesium

(Mg) Amm-acet (meq/100g)	<input type="text"/>	→	<input type="text"/> kg/ha (Table 3) Mg
Mg contributions from mill by-products			<input type="text"/> kg/ha (Table 6)

Silicate

Si (BSES)	<input type="text"/>	Si (CaCl)	<input type="text"/>	→	<input type="text"/> tonnes/ha (Table 4) Mud/ash
	(Report)		(Report)		

Gypsum

ESP (%)	<input type="text"/>	→	<input type="text"/> tonnes/ha (Table 5) Gypsum
	(Report)		

Nitrogen (N)

Organic C (%)	<input type="text"/>	DYP	<input type="text"/>	N mineralisation index	<input type="text"/>
	(Report)		(Table 7)		(Table 7)
→	Plant			→	Replant and ratoons
	<input type="text"/> kg/ha				<input type="text"/> kg/ha
	(Table 7)				(Table 7)

Contributions from legume crop

Year 1 kg/ha
(Table 8)

N contributions from mill by-products

Year 1 kg/ha
(Table 9)

Year 2 kg/ha
(Table 9)

Year 3 kg/ha
(Table 9)

Phosphorus (P)

PBI (Report) BSES P (mg/kg) (Report) → Plant kg/ha (Table 10)
 → Ratoon kg/ha (Table 10)

P contributions from mill by-products

(Table 11)

Potassium (K)

Nitric K (meq/100g) (Report) K (meq/100g) (Report) → Plant kg/ha (Table 12)
 Amm-acet (meq/100g) (Report)
 Soil texture (Report) → Replant and ratoon kg/ha (Table 12)

K contributions from mill by-products

Year 1 kg/ha (Table 13) Year 2 kg/ha (Table 13) Year 3 kg/ha (Table 13)

Sulfur (S)

Sulfate S (mg/kg) (Report) N mineralisation index (same as for N) → Plant, replant and ratoon crops kg/ha (Table 14)

S contributions from mill by-products

Year 1 kg/ha (Table 15) Year 2 kg/ha (Table 15) Year 3 kg/ha (Table 15)

Copper (Cu)

Cu (DTPA) mg/kg (Report) → Plant kg/ha (Table 16)

Zinc (Zn)

pH (water) (Report) If pH <6.5 use Zn (BSES-HCl) mg/kg (Report) → Plant kg/ha (Table 17)
 OR
 If pH >6.5 use Zn (DTPA) mg/kg (Report) → Plant kg/ha (Table 17)

* Remember, deductions can be made for legumes (N) and mill by-products (N, P, K, S, Ca, Mg, Si).