## WET TROPICS

### Legume species

<table>
<thead>
<tr>
<th>Crop dry mass (t/ha)</th>
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</table>

### Mill by-product

<table>
<thead>
<tr>
<th>Rate (t/ha)</th>
</tr>
</thead>
</table>

### Ameliorants

**Lime**

- Calcium (meq/100g) → tonnes/ha (Table 1)
- Ca contributions from mill by-products (Table 4)

**Magnesium**

- (Mg) Amm-acet (meq/100g) → kg/ha (Table 2)
- Mg contributions from mill by-products (Table 4)

**Silicate**

- Si (BSES) (Report) → tonnes/ha (Table 3)
- Si (CaCl) (Report) → tonnes/ha (Report)

### Nitrogen (N)

**Organic C (%)**

- (Report)
- → Plant kg/ha (Table 5)

- N mineralisation index (Table 5)

- → Replant and ratoons kg/ha (Table 5)

**Contributions from legume crop**

- Year 1 kg/ha (Table 6)

**N contributions from mill by-products**

- Year 1 kg/ha (Table 7)
- Year 2 kg/ha (Table 7)
- Year 3 kg/ha (Table 7)

### Phosphorus (P)

**PBI**

- (Report)

- BSES P (mg/kg) → kg/ha (Table 8)

- P contributions from mill by-products (Table 9)
Potassium (K)

Nitric K (meq/100g) K (meq/100g) Amm-acet (meq/100g) → Plant kg/ha (Table 10)

Soil texture → Replant and ratoon kg/ha (Table 10)

K contributions from mill by-products

Year 1 kg/ha (Table 11) Year 2 kg/ha (Table 11) Year 3 kg/ha (Table 11)

Sulfur (S)

Sulfate S (mg/kg) N mineralisation index → Plant, replant and ratoon crops kg/ha (same as for N) (Table 12)

S contributions from mill by-products

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

Copper (Cu)

Cu (DTPA) mg/kg → Plant kg/ha (Table 14)

Zinc (Zn)

pH (water) If pH <6.5 use Zn (BSES-HCl) mg/kg → Plant kg/ha (Table 15)

OR

If pH >6.5 use Zn (DTPA) mg/kg → kg/ha (Table 15)

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