

AG~NUTRI PTY. LTD.

The manganese solution for broadacre crops

LIG-MANGANESE (8%)

Mn deficient wheat



PROBLEMS ASSOCIATED WITH MANGANESE DEFICIENCY

Inhibits germination & root growth ★ Lowers photosynthetic activity

Reduced grain set, filling & yields ★ Increases disease risk (eg. take-all)

Causes 'split seed' in lupins ★ Lower oil content in canola

CAUSES OF MANGANESE DEFICIENCY

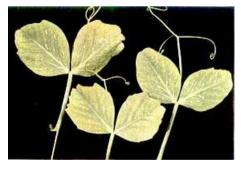
- ♦ High soil pH (especially those soils with high levels of carbonates & organic matter)
- ♦ Soils high in phosphorous, calcium & magnesium
- → Heavily leached sands & light textured soils
- → Liming of acid soils

BENEFITS OF USING LIG-MANGANESE

- ✦ High plant availability
- Increases grain yield & quality
- Quickly absorbed by leaves
- → Compatible with agri-chemicals
- → Cost effective Australian made product
- **♦** Rain-fast

APPLICATION

Cereals, Pulses & Canola - apply 1-2 L/ha at 5 leaf stage. **Seed dressing** - apply LIG-GRAIN + Mn @ 4-8 L/T





Top: Manganese deficient peas Bottom: 'Split seed' in lupins caused by manganese deficiency

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