



# Lupin Nutrition Trial

Leigh Nairn, Agronomist, Great Northern Rural Services

**Location:** TE & DP Powell

**Plot Size & Replication:**  
Boom Width

**Soil Type:**  
Sandplain ▲

**Sowing Date:**  
May 2014

**Seeding Rate:**  
100kg Mandelup

**Paddock Rotation:**  
2013: Wheat

**Growing Season  
Rainfall:**  
????

## Aim

To assess the benefit of adequate nutrition via foliar applications on lupin yields and the timing of such applications on the plants ability to set pods relating to overall yield.

## Background

### Trial Details

**Fertiliser:** pre: MAP @ 50kg/ha  
**Herbicide:** knockdown: Glyphosate DST @ 1.5L/ha  
Pre: Edge @ 1L, Simazine @ 800g/ha, Metribuzin @ 150gm/ha  
post: Brodal @ 200ml/ha, Metribuzin @ 150gm/ha/ha

Treatment	Product	Rate	Application Method
1	Control	Nil	Nil
2	Lupinbud	2l/ha	Pre Budding

## Results

Treatment	Product	Rate	Yield % increase
1	Control	Nil	0
2	Lupinbud	2l/ha	20%

## Key Messages

- Lupinbud gave an increase of 200kg/t

**Acknowledgements:** Tom and Dianne Powell