

2025 - 2026



LUCERNE TRIAL

To determine the effectiveness of Nature's **Kos** line of Organic chicken manure fertilisers on Lucerne.

Crop & Seed Information

- Plot Location : Hopestad, Freestate
- Seed Variety/Type Used: Aurora
- Seed Source:
- Plot Size: 1200 SQ Meter / 12 % of Hectare
- Soil Type: Sand
- Soil Preparation Details: Used un-cultivated field, ploughed & planted
- Planted date: 15 April 2025
- Seed Rate: total plot coverage
- Seeds planted: Spread by hand
- Plants germinated: Good coverage with some open areas (91%)
- Harvest Date: 19 May 2025

Fertilizing Schedule

- Trial CUT 1: Applied Nutri-Groei+ on the 2nd week
- Mixer Ratio: 1/10 (1L fertiliser to 9L of water)
- Application: Sprinkler
- Quantity: 2L mixer (20L/hectare)

Observations

From seed to end of the first cut we noticed the following:

- Height of first plants averaged at 64cm
- Plant grew healthy and strong, with good colour to plant
- After feeding the cut Lucerne through a hammermill we had 97kg of ground lucerne from the first crop/harvest.
- Trial on lucerne will be ongoing over the next 3 years

Proven Performance

Nature's Kos organic fertilisers have shown strong performance in lucerne production, promoting healthy, vigorous plant growth with excellent colour and field coverage (91% germination). Treated crops achieved solid early development, reaching an average height of 64 cm by the first cut, and produced a meaningful yield of 97 kg from the initial harvest. These results highlight the ability of Nature's Kos fertilisers to support strong establishment, improve plant health, and deliver consistent, productive growth in lucerne under real field conditions.

