

2025 - 2026



PEANUT TRIAL

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

Crop & Seed Information

- Plot Location: Hopestad, Free State
- Seed Variety/Type Used: Spanish peanuts
- Seed Source: Triotrade Co.
- Plot Size Crop 1: 50m² (operating peanut farm)
- Crop 2: 4 hectares (operating peanut farm)
- Soil Type: Sand
- Soil Preparation Details: Previous planted fields
- Planted date: 24 Jan 2025
- Seed Rate
- Seeds planted: machine
- Plants germinated: Good coverage with some open areas (96%)
- Harvest Date: 19 June 2025

Fertilizing Schedule

- Trial Crop 1 Applied Nutri-Groei+ on to plant once the first flowers emerged and then a second application 2 weeks later
- Trial Crop 2 Applied Nutri-Groei+ on to plant once only when the first flowers emerged
- Mixer Ratio: 1/10 (1L fertiliser to 9L of water)
- Application tractor with a boom sprayer
- Quantity: 2L mixer (20L/hectare)

Observations

Peanut trial was done on 2 independent farmers:

- on the first farm NG+ was added to two rows of peanut plants.
- On this crop NG+ was used twice.
- Harvest showed a 15% increase in yield and a better quality of peanuts
- On the second farm NG+ was applied to 4 hectares
- NG+ was applied once just after flowering
- Comparison after harvest showed the peanuts from the 4 hectares had more anchors than the "control" hectares
- An increase in yield was noted.
- Both farmers noted better quality of peanut after applying the NG+
- More peanuts on the plant had fuller nuts within the pods.
- More double peanut pods where noted per plant
- Quality of the peanuts was better.

Proven Performance

Independent peanut trials conducted during the 2025–2026 season demonstrated that Nature's Kos Nutri-Groei+ delivers measurable **improvements in both crop yield and quality**. Farmers observed **up to a 15% increase in yield**, with plants producing more anchors, a greater number of fuller peanut pods, and an increase in double-podded peanuts. The trial also showed improved crop uniformity and overall peanut quality, even with a single foliar application after flowering. These results highlight **Nature's Kos fertilizers as an effective organic nutrition solution** that helps growers **maximise productivity, improve crop quality, and increase profitability** while supporting sustainable farming practices.

