

2025 - 2026



SOYA TRIAL

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

Crop & Seed Information

- Plot Location: Farm Lapbosch, Hopestad, Free State
- Seed Variety/Type Used:
- Seed Source:
- Plot Size Crop 1: 1 hectares
- Soil Type: Sand
- Soil Preparation Details: previous cultivated fields
- Planted date: 12 Nov 2025
- Seed Rate: 14-20seeds/m with rows 500mm apart
- Seeds planted: +-290 000
- Plants germinated: 95%
- Harvest Date: 15May2026

Fertilizing Schedule

- Application: Applied Nutri-Groei @ planting then Nutri-Groei+ at 6 weeks after germination
- Mixer Ratio: 1/10 (1L fertiliser to 9L of water
- Application: 7.5g of Nutri-Groei (solid) by planter
20l diluted 1:10 pe hectare

Observations

- High germination rate
- faster growth
- healthier plant with greener leaves
- after 4 weeks the roots we compared, trial crop had developed a better root system, see pic below
- after 4 weeks the plants were 500mm tall.
- Yield of trial crop was 4.03t vs 3.66t of the control crop. An increase of 10.1% in yield for the trial crop

Proven Performance

Field trials conducted during the 2025–2026 growing season demonstrated that Nature's Kos Nutri-Groei and Nutri-Groei+ significantly improved soybean establishment, growth and productivity. The treated crop achieved a high germination rate, faster early growth, healthier plants with greener foliage, and a more developed root system within four weeks of planting. These improvements translated into a harvest yield of a 10.1%.

Because soybeans and other legume crops including peanuts, dry beans, cowpeas, broad beans and lupins share similar nutrient uptake processes and growth requirements, they are equally capable of utilizing the nutrients supplied by the Nature's Kos fertilizer range

- All transport cost to be borne by Client/Customer/Farmer
- all prices are ex VAT.
- It must be noted that VAT registered Farms will not be charged VAT, as fertiliser is a zero rate input product for large farming



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