

# 2025 - 2026



## CABBAGE TRIAL

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

### Crop & Seed Information

- Plot Location: Hopestad, Free State
- Seed Variety/Type Used: Flat dutch / brunswick
- Seed Source:
- Plot Size Crop 1: 100m<sup>2</sup>
- Crop 2: 100m<sup>2</sup>
- Soil Type: Sand
- Soil Preparation Details: Unused uncultivated field
- Planted date: 11 Jan 2025
- Seed Rate: 7rows / 38plants/row @ 50cm centres
- Seeds planted: 266 by hand
- Plants germinated: 250 (93.9% germinated)
- Harvest Date: 18 April 2025 (97 days from plant to harvest)

### Fertilizing Schedule

- Application: Applied Nutri-Groei @ planting then Nutri-Groei+ at 2 weeks & 6 weeks after germination
- Mixer Ratio: 1/10 ( 1L fertiliser to 9L of water
- Application: by hand and with spray can
- Quantity: 2L mixer ( 20L/hectare)

### Observations

- High germination rate
- faster growth
- healthier plant with greener leaves
- overall head size +- 30cm
- overall height +-25cm
- Each head weighted +-2.8kg, an increase of +-450g/head
- Using commercial farming std, the yield increase per hectare will be substantial

### Proven Performance

Nature's Kos organic fertilisers deliver clear advantages in cabbage production by promoting strong plant establishment, faster growth, and healthier, more vigorous crops. The result is improved leaf development, better head formation, and increased overall yield potential. The organic composition supports balanced nutrient release, enhancing plant strength while maintaining a plant-safe environment free from stress or damage.

These benefits translate directly to similar vegetable crops, particularly leafy greens and head-forming varieties such as lettuce, spinach, broccoli, and cauliflower. Farmers can expect more uniform growth, improved crop quality, stronger root development, and higher marketable yields. Nature's Kos fertilisers provide a reliable, sustainable

