



NUCLEON IN POTATOES SISTERS CREEK, TAS, 2022 TRAIL SITE 2

Nucleon features

- Liquid enzyme additive containing lipase and mannanase to enhance nutrient uptake in horticultural crops
- Helps stimulate native microbial populations
- Can be applied with liquid fertilisers at planting, through dripline or side dressed in crop
- Helps improve soil and plant health, growth and yield

Treatments

- To determine the potential of Nucleon to increase yield of processing potato variety Russet Burbanks

Treatments	Rate
	50mL/ha in-furrow at planting
Nucleon split rate	50mL/ha spray rig applied at bandwidth 100%
Fertiliser pre plant	0.6.17 @ 1500kg/ha
Fertiliser in-furrow	10.11.10.4 Platinum Nergentic @ 2800kg/ha
Metalax G* Fungicide in-furrow	20kg/ha

- Potatoes 1 in 5 year rotation
- Planted 27 Oct 22, yield assessment 15 Mar 22
- Row spacing 900mm
- Nucleon applied in-furrow with Metalax G Fungicide



Trial highlights

- Total yield increase for Nucleon treatment of 2.5t/ha
- Premium potato yield increase for Nucleon treatment of 1.6t/ha

Early tuber development



Early tuber bulking

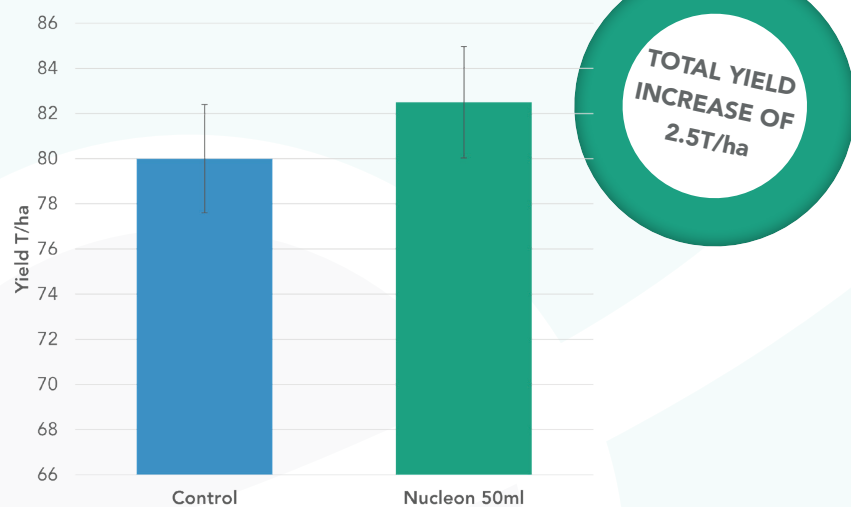


**Total yield
increase of
2.5T/h**

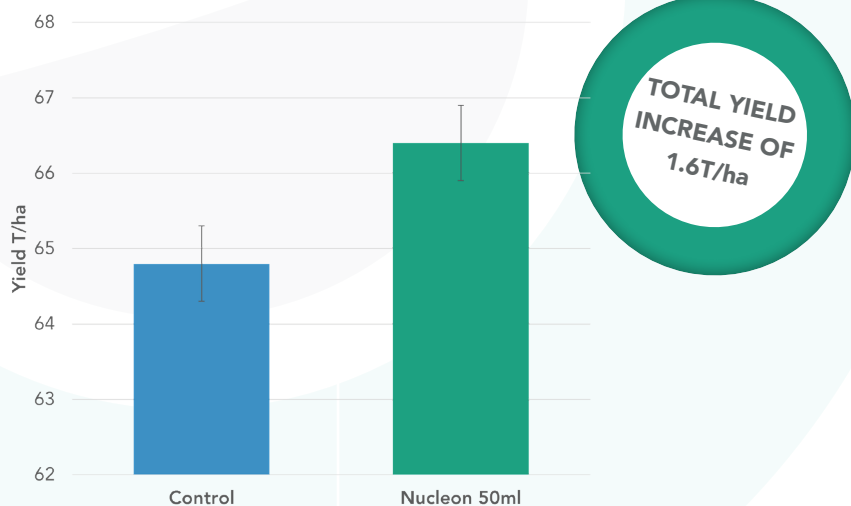
NUCLEON

NUCLEON IN RANGER RUSSETS SISTERS CREEK, TAS, 2022 - TRIAL SITE 2

Yield estimate



Premium yield estimate



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* Registered product