

NUCLEON

NUCLEON IN POTATOES SISTERS CREEK, TAS, 2022 TRIAL SITE 1

Nucleon features

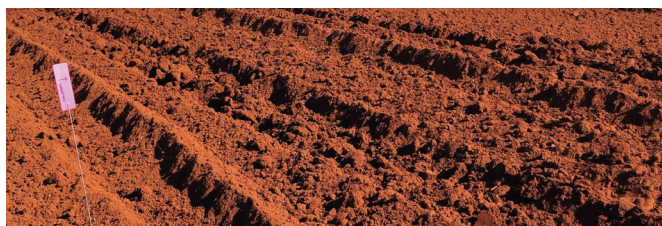
- Liquid enzyme additive containing lipase and mannanase to enhance nutrient uptake in horticultural crops
- Helps stimulate native microbial populations
- Can be applied with liquid fertilisers at planting, through dripline or side dressed in crop
- Helps improve soil and plant health, growth and yield

Treatments

- To determine the potential of Nucleon to increase tuber set, tuber size and yield of processing potato variety Russet Burbank

Treatments	Rate
Nucleon split rate	50mL/ha in-furrow at planting 50mL/ha spray rig applied at bandwidth 100%
Fertiliser pre plant	0.6.17 @ 1500kg/ha
Fertiliser in-furrow	9.14.17 @ 2800kg/ha
Metalax G* Fungicide in-furrow	20kg/ha

- Potatoes 1 in 5 year rotation
- Planted 20 Oct 21, yield assessment 13 Apr 22
- Soil temp: 12 to 12.4°C at planting
- Row spacing 900mm centre to centre of mounds
- Nucleon applied in-furrow in mix with Metalax G Fungicide



Trial highlights

- Final yield assessment from 5 replicated plots of 4m each, gave a total increase in yield of 0.68T/ha
- Preharvest tuber counts were higher in treated plots

Week 8 Post Plant



Week 11 Post Plant

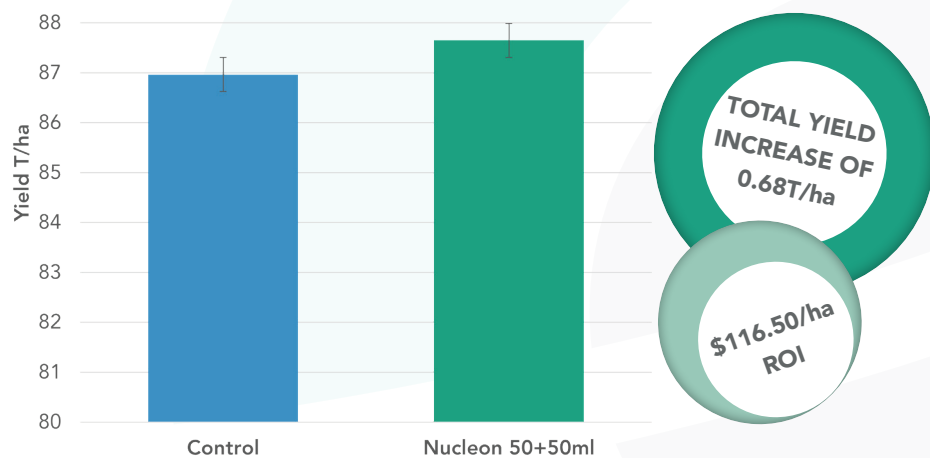


Total yield increase of 0.68T/h

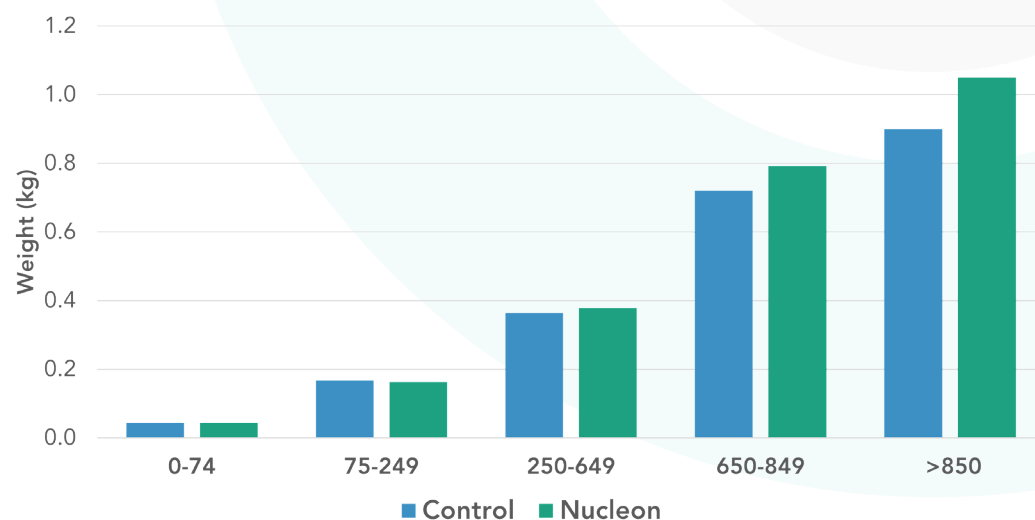
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NUCLEON IN RUSSET BURBANKS SISTERS CREEK, TAS, 2022

Yield estimate



Average tuber weight/size class



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