



New advancements in fertiliser technology providing environmental and sustainable growth benefits for forestry



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2023 ANZIF Conference

Fertiliser Has a Role to Play

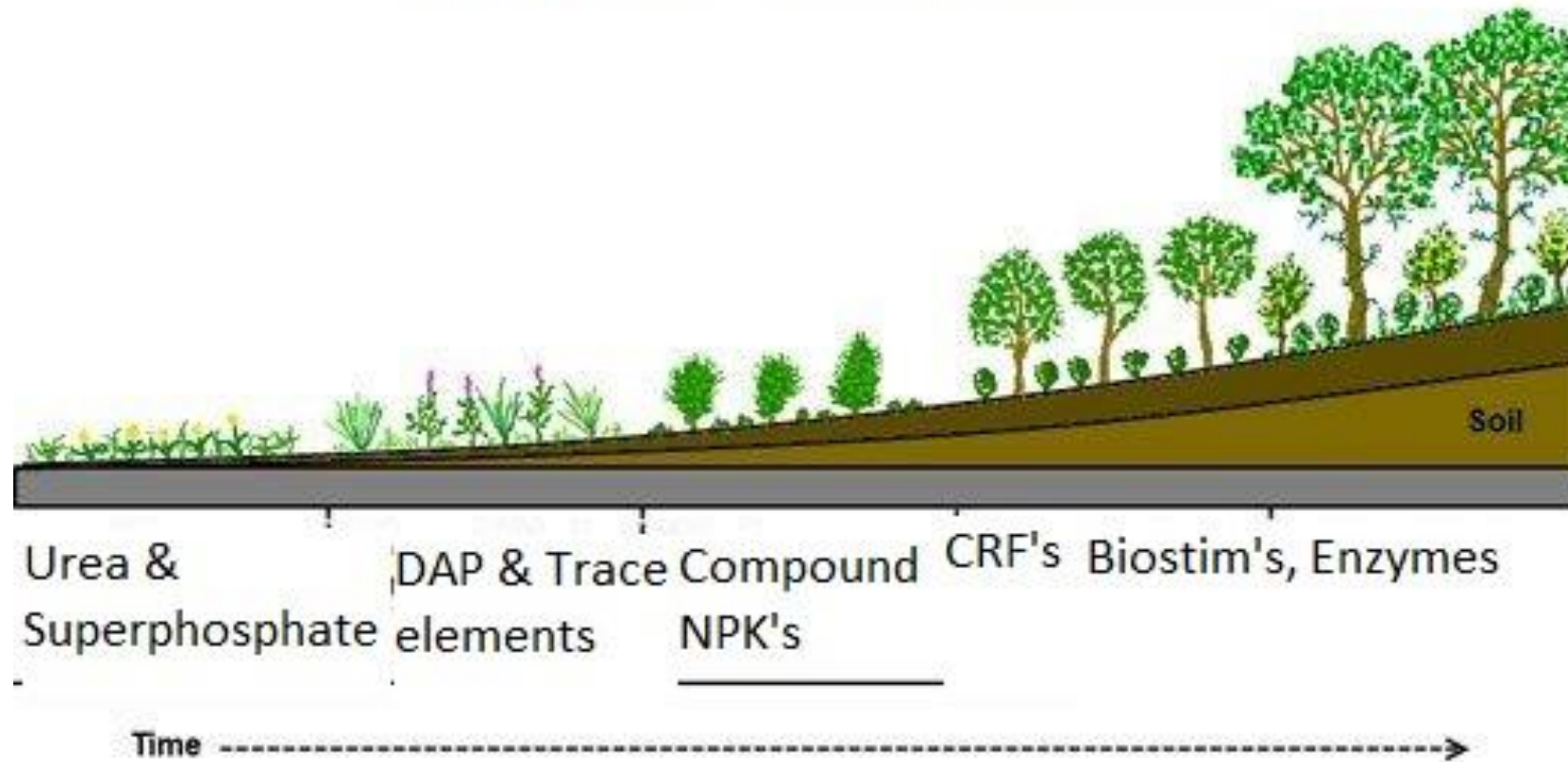


Have our fertiliser practices evolved?



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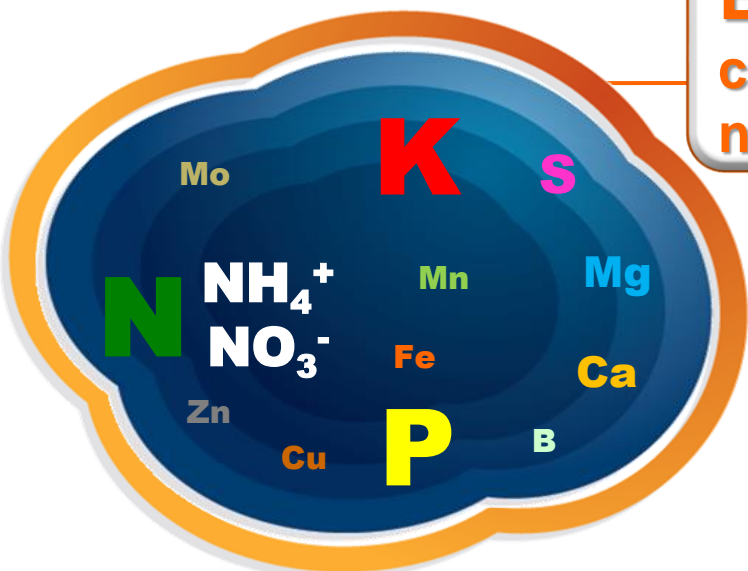
Evolution of forestry fertilisers



Advances in fertiliser technology

Nergetic coating

Biodegradable Polymer
coats the granules and protects all
nutrients from leaching



It is a non-plastic polymer that transforms
into a gel with soil moisture and protects all
nutrients in the fertiliser granule

GRADUAL DISSOLUTION
Regulates the release of all nutrients

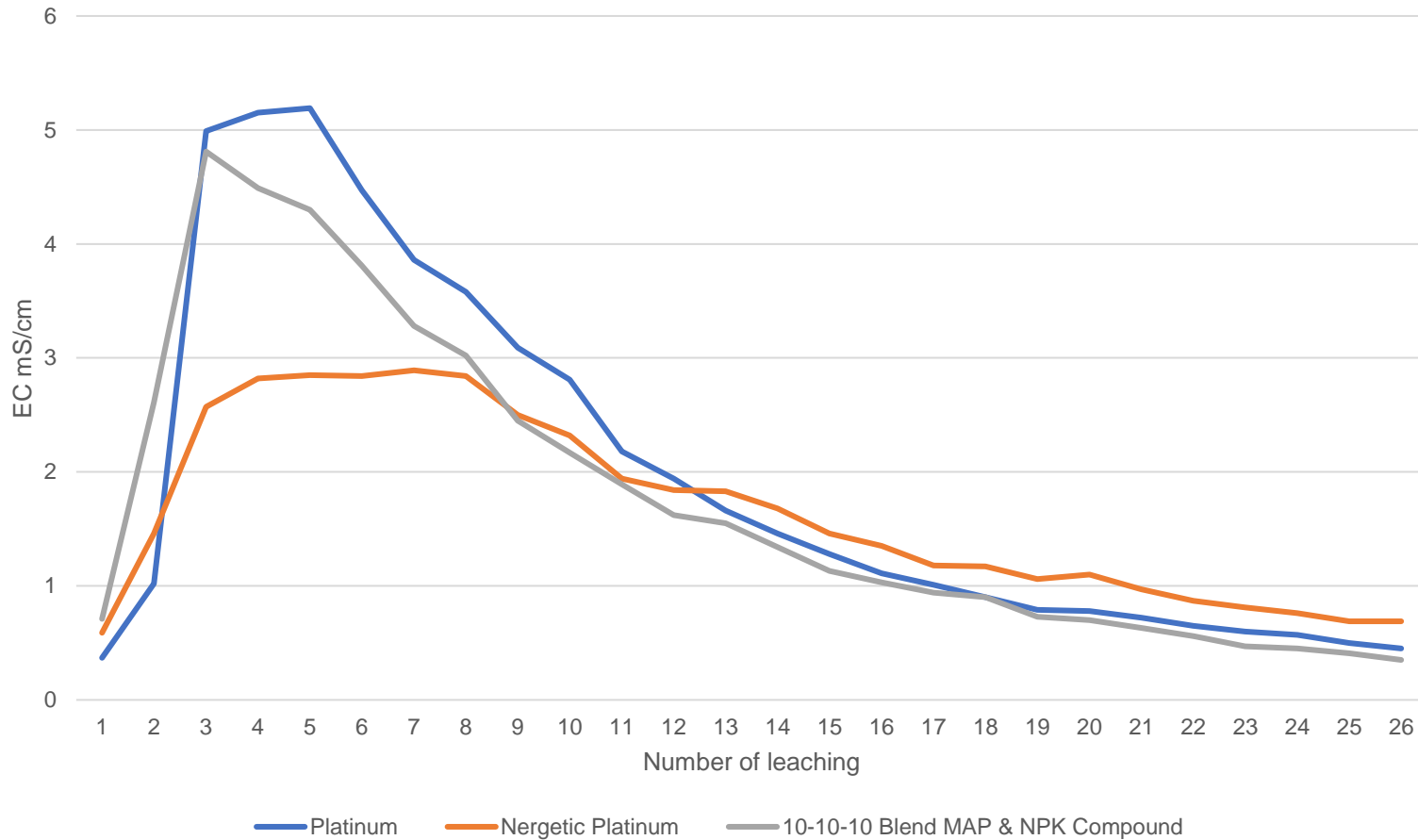
PREVENTS LEACHING

**ALL NUTRIENTS PROTECTED
FROM SOIL LOCK UP**
Allows absorption of all nutrients



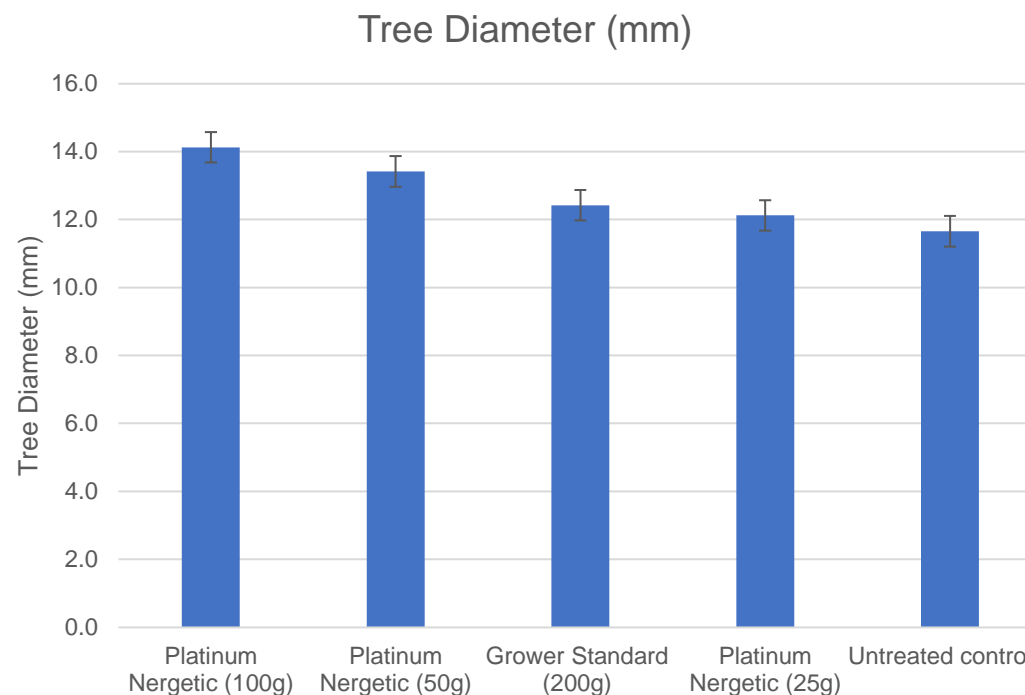
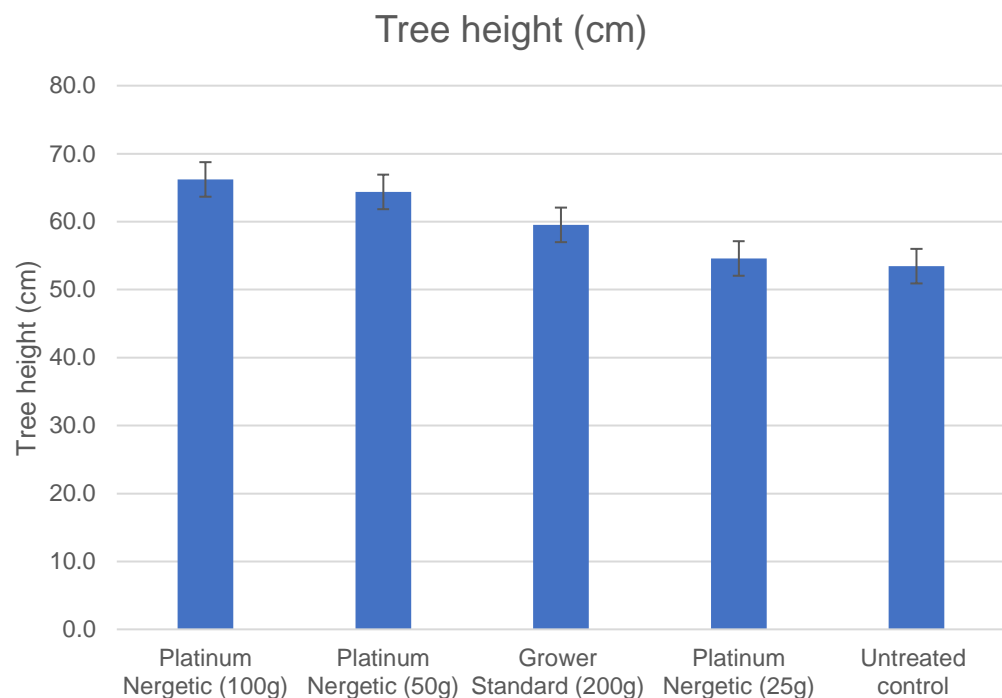
Advances in fertiliser technology

Leaching Demo



Platinum Nergetic Trial NE Vic

Application at planting on pines – after 12 months



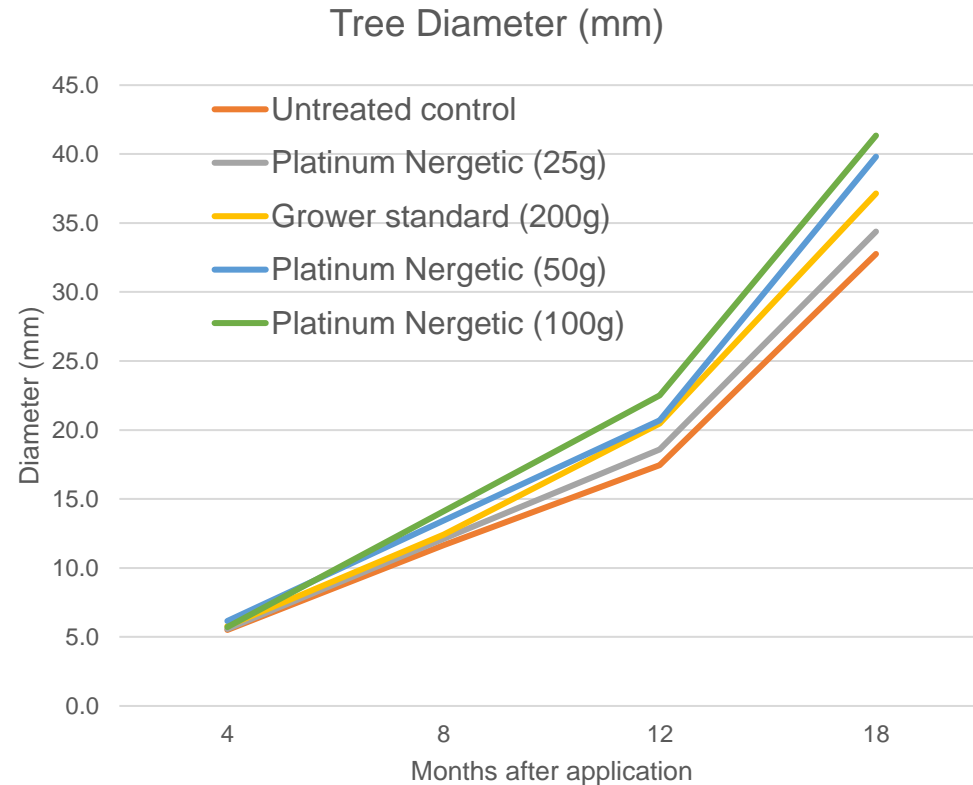
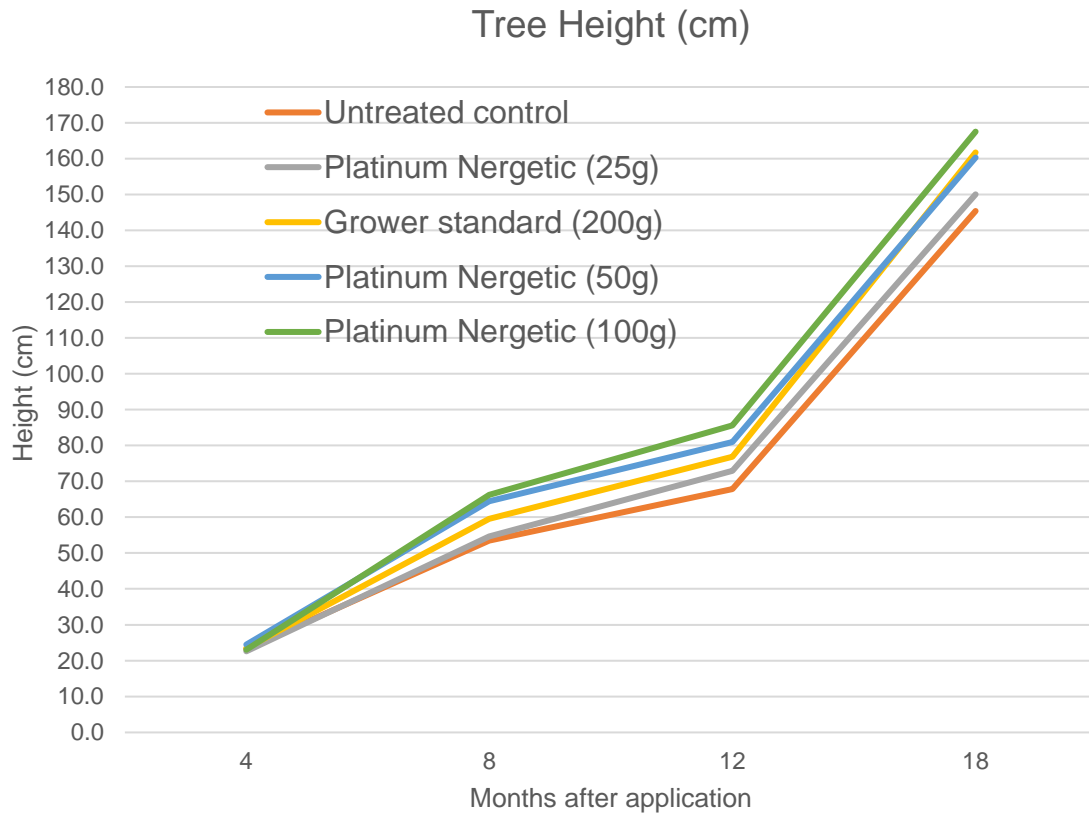
Platinum Nergetic Trial NE Vic

Application at planting on pines

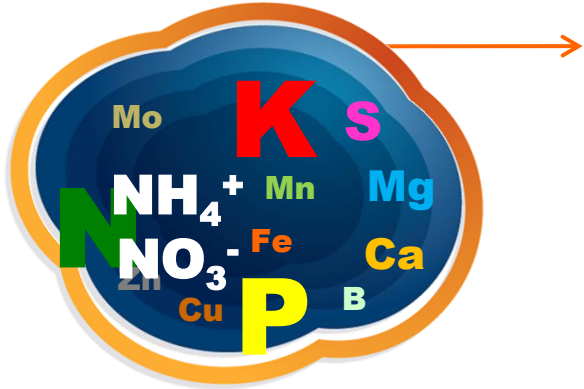


100g Nergetic 5% taller than Standard

100g Nergetic 11% larger diameter than Standard



Environmental and Sustainable options



New fertiliser technology - still applying essential nutrients

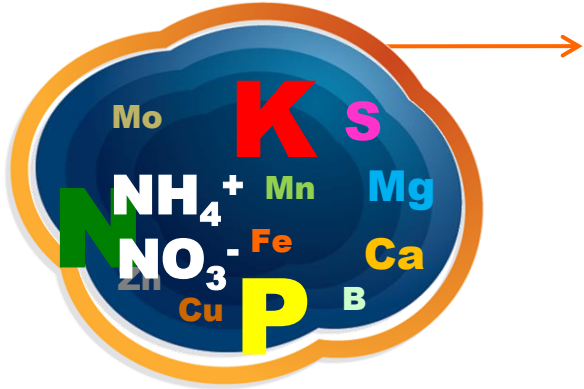
More to tree and less losses to environment
= same or better tree growth @ 25% fertiliser rate



VS



Environmental and Sustainable options

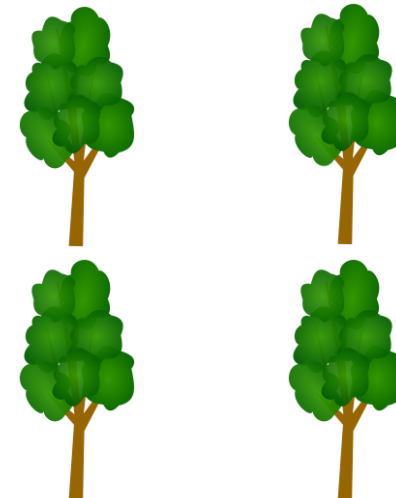


New fertiliser technology - still applying essential nutrients

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VS



Summary



Providing nutrients to young trees is crucial

Nergetic coating technology, can still provide the same forms of essential nutrients....just deliver them differently.

With improved efficiency offers sustainable and environmental growth benefits!!



Summary



Thank you to HVP Northern Region for their support and cooperation in trial work mentioned



Like HVP and many Forestry Industry members, The Muir Group's vision and direction is to strive for sustainable and environmentally sound opportunities such as this

Visit trade display to discuss further



Thank you