

# TECHNOTE

**Dedicated seed treatment partner possessing beneficial nutrients for immediate accessibility to boost crop emergence and early health.**

*Table 1 – TopSeed® detailed information.*

<b>Product Type</b>	Seed treatment partner
<b>Use Rate</b>	300 mL/100 kg seed
<b>Timing</b>	Post-harvest, sowing
<b>Compatibility</b>	All chemicals
<b>Crop Suitability</b>	All crops
<b>Nutrient Composition (% w/v)</b>	Zinc 2.20% Molybdenum 1.90% Phosphorus 1.83% Potassium 1.40% Cobalt 0.70% Boron 0.50%
<b>Pack Sizes Available</b>	10L

**TopSeed®** presents as a unique phytostimulant advised for direct application on all crop seeds. Ideally suited to partner common fungicidal or insecticidal seed treatments.

### How does TopSeed® work?

Possessing a high-power polymer coating encompassing phytostimulant and anti-stress properties, ensures even emergence and improved productivity. Provision of accessible nutrients further promotes plant health.

Zn specifically, is an important driver of multiple plant enzymes responsible for metabolic reactions that facilitate growth and development. Without Zn, these reactions would be reduced.

More **TopSeed®** nutrient information?

- Mo and Co assist with nitrogen fixation and enzymatic activity
- P promotes the formation of ATP (adenosine-triphosphate), contributing to enhanced vigour
- K manages water regulation and aids resistance to stresses
- Bo is critical to the formation and stability of cell walls, and reproductive development.

The high-power polymer ensures that any fungicidal or insecticidal treatment will be dispensed and adhered to seed effectively. This will improve seed flowability during sowing, and result in less dust-off.

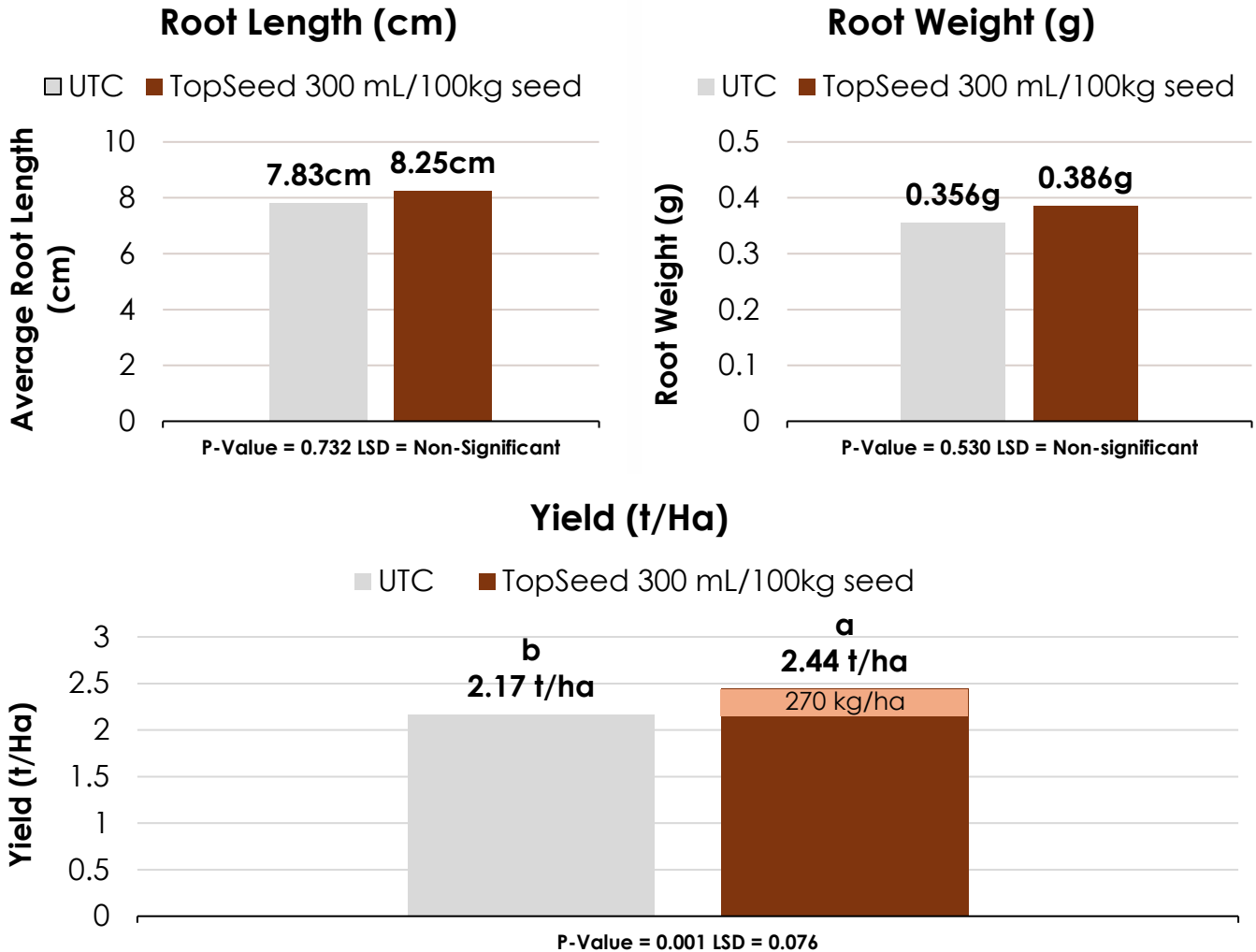
### Ongoing research and development

**Spraytec** has committed to conducting extensive trial work with independent research organisations to guarantee confidence of solution performance in Australia.



### 2024 Australian Research Initiative – Grower Case Study

Understanding the importance in safeguarding crop germination rates, stand uniformity and early health, we explored our primary seed treatment solution **TopSeed®** on a wheat crop with a local client from *Kellerberrin, Western Australia*.



### Product Use Instructions

#### Applying TopSeed® standalone to treat 100kg of seed.

- Step 1** Shake drum appropriately prior to use.
- Step 2** Prepare a 1L solution of TopSeed® and water.
- Step 3** Combine 300mL of TopSeed® + 700mL of water.

#### Applying TopSeed® with other chemistry to treat 100kg of seed.

- Step 1** If applying with other seed treatment chemistry, add TopSeed® to the slurry at 300mL.
- Step 2** Ensure consistent agitation throughout process.

