

## TECHNOTE

**An innovative formulation that assists late in-crop foliar applications to improve productivity by targeting crop health and providing additional nutrition. Increased nitrogen levels accelerate spray penetration and absorption, reducing overall application losses and boosting crop yields.**

**Absortec Copper** is a premium phytostimulant that is suitable for application on all crops. The complete formulation of the product does not require additional pesticide additives. Recommended application timing is during the pre-flowering growth phase.

### How does Absortec Copper work?

As per the **Spraytec** formula, product composition revolves around chelated nutrients and application assistant technology. Featuring as the highest nitrogen-loaded product in our range, this provides producers the unique opportunity to enhance late-season spray applications and maximise yield potential. With all

nutrients being chelated, **Absortec Copper** can be safely mixed with other chemicals and ensures nutrition is rapidly accessible for plant uptake which leads to improved crop tolerance, quality and yield. Complementary application assistance technology increases overall spray efficacy and performance to improve economic return.

**Table 1: Critical information for Absortec Copper.**

<b>Product Type</b>	Phytostimulant
<b>Use Rate</b>	1 – 4 L/ha
<b>Timing</b>	Pre-flowering
<b>Compatibility</b>	All pesticides
<b>Crop Suitability</b>	All crops
<b>Nutrient Composition (% w/v)</b>	Nitrogen 18.00% Phosphorus (P <sub>2</sub> O <sub>5</sub> ) 2.00% Copper 0.25% Cobalt 0.10% Molybdenum 0.05%
<b>Pack Sizes Available</b>	1L, 5L & 10L

### Ongoing research and development

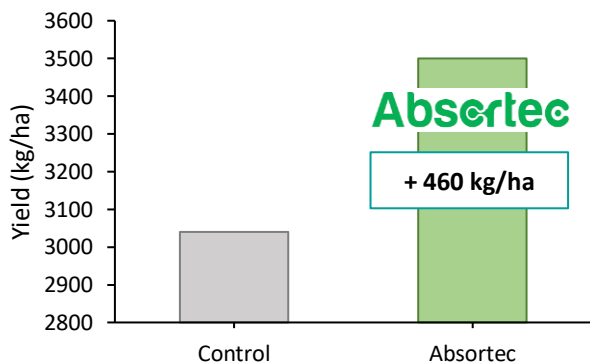
**Spraytec** has committed to conducting extensive trial work with independent research organisations to guarantee confidence of product performance around the world. We maintain values of transparency and innovation to ensure that our contribution to sustaining the longevity of the agricultural industry is credible.



## Significant trial results

### AUSTRALIA

**Figure 1** details a yield response to contrasting fungicide treatments in barley. Prothioconazole + Tebuconazole fungicide recommends Adjuvant A (Control) when applied at 150 mL/ha and subsequently was selected as a comparative treatment for **Absortec Copper**. Results outline the significant increase in yield (+460 kg/ha) due to the beneficial chelated nutrients, crop health and complementary assistance application technology that **Absortec Copper** possesses. Neither treatment adversely affected the crop, with no biomass reduction or phytotoxicity observed across multiple assessments.

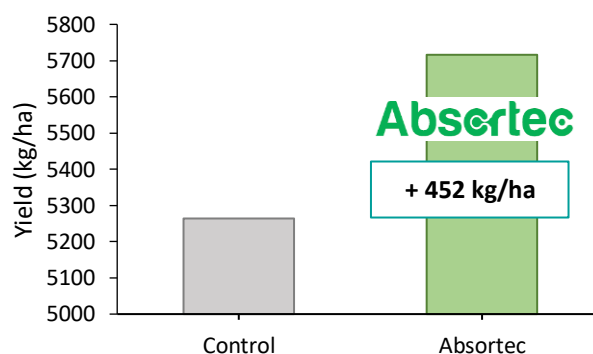


**Figure 1:** Barley yield (kg/ha) following a late-season fungicide application of Prothioconazole + Tebuconazole. Trial conducted in Quairading, WA by Living Farm (2020).

### ARGENTINA

**Figure 2** reinforces the effectiveness of **Absortec Copper** as an alternative additive option for a late-season foliar application. Trials where fungicides were applied were conducted in 10 different locations in Argentina (French, Pergamino, Salto, San Cayetano, Junín, Ameghino (Buenos Aires). Los Surgentes (Cordoba) and Diego de Alvear (Santa Fe)) in

differentes years (2018/19, 2019/20, 2020/21, 2021/22) were observed in comparison to a Control in terms of yield, where **Absortec Copper** out-performed. Differences in results were largely attributed to the chelated nitrogen present in **Absortec Copper**, that contributed to boosting crop productivity. Additional benefits from the application assistance technology present in the product would also have assisted overall spray efficacy.



**Figure 2:** Wheat average yield (kg/ha) following a late-season fungicide application. Trial conducted in French, Pergamino, Salto, San Cayetano, Junín, Ameghino (Buenos Aires). Los Surgentes (Córdoba) and Diego de Alvear (Santa Fe) by third parties: Agroconsultor, Agrovisto, Surcos consultora, Okandu, Javier Alasia, Consultora Oeste, Damian Gopar and INTA (n=10).

## Key messages and conclusions

**Absortec Copper** is formulated according to a proprietary blend of ingredients that ensures product performance is consistent and to a high quality in varying conditions.

Incorporating chelated nutrition, crop health and application assistance technology differentiates **Absortec Copper** from comparable products in the current market.

**Spraytec** has trialled **Absortec Copper** exhaustively at a global level, to advocate producer peace of mind and confidence in guaranteeing quality of performance.



Upholding the demands of producers is at the forefront of our product development, as we seek to maximise crop productivity, whilst incentivising simplicity and practicality from an operational perspective. Use it once, trust it always.