

# TECHNOTE

**Specifically formulated to assist late foliar pesticide applications, strengthening plant defences and enhancing productivity. Beneficial assistance application technology reduces product loss via drift, inactivation of chemicals, ensuring excellent efficacy.**

**Cubo** offers as a dynamic phytostimulant that is suitable for application on all crops. Boasting an exclusive formulation allows application without the addition of other pesticide additives. Recommended application timing is during the pre-flowering growth phase. Ideally suited as a spray tank partner for fungicides.

## How does Cubo work?

In line with **Spraytec's** innovative product development, composition orientates around chelated nutrients, plant health and application assistance technology. **Cubo** is highly soluble and plant bioavailable, stimulating plant defences in an efficient manner. As well as providing nitrogen, phosphorus and sulphur, the focus of this product is on its copper content. Copper is essential in multiple physiological processes, including photosynthesis, respiration and activating enzymes that promote protein

production in plants. With all these nutrients being chelated, **Cubo** can be safely mixed with other chemicals, ensuring nutrition is rapidly accessible for plant uptake. Complementary application assistance technology increases overall spray efficacy to negate product loss, leading to improved returns.

**Table 1: Critical information for Cubo.**

<b>Product Type</b>	Phytostimulant
<b>Use Rate</b>	200-400 mL/ha
<b>Timing</b>	Pre-flowering
<b>Compatibility</b>	All pesticides
<b>Crop Suitability</b>	All crops
<b>Nutrient Composition (% w/v)</b>	Nitrogen 3.00% Phosphorus (P <sub>2</sub> O <sub>5</sub> ) 7.00% Sulphur 1.25% Copper 4.00% Boron 0.05%
<b>Pack Sizes Available</b>	1L, 5 L & 10L

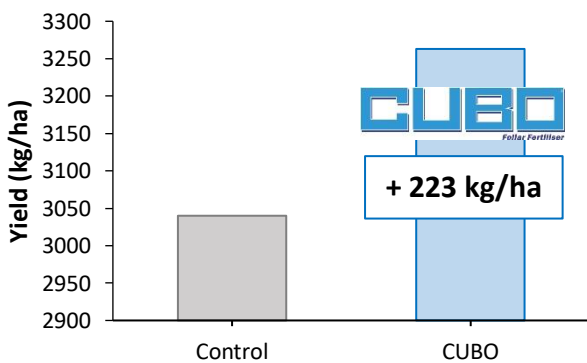
## Ongoing research and development

**Spraytec** has committed to conducting extensive trial work with independent research organisations to guarantee confidence of product performance in the wor. We maintain values of transparency and innovation to ensure that our contribution to sustaining the longevity of the agricultural industry is credible. Full final reports of all trials are available on our website.

## Significant trial results

### Australia

**Figure 1** outline an average yield response for 3 trials when a competitor is interchanged with **Cubo**. Results from all trials demonstrated the improved effectiveness of **Cubo** in terms of generating increased yields; with an average of +223 kg/ha. Reasoning supporting these differences is largely due to the unique formulation of the product, that features chelated nutrition, plant health and application technology. A late-season supply of beneficial nutrition provides producers an extra opportunity to boost yields, without compromising the efficacy of the spray application. This quality assists in differentiating **Cubo** from other products.

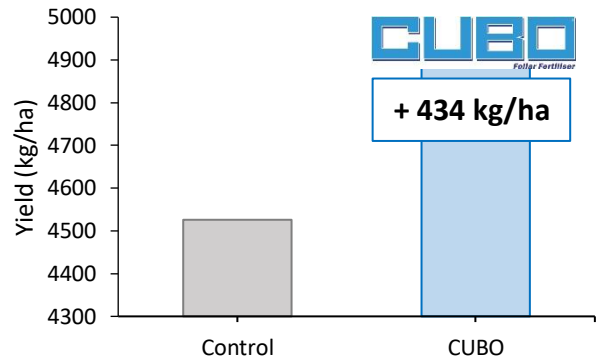


**Figure 1:** Barley yield (kg/ha) following a late-season fungicide application. Trials were conducted in Roseworthy, SA by AgXtra (2019), Quairading, WA by Living Farm (2020), Northam, WA by Kalyx (2020).

### Argentina

**Figure 2** outline an average yield response for 10 trials when CUBO is compared with a control. Results from all trials demonstrated the improved effectiveness of **Cubo** in terms of generating increased yields; with an average of +434 kg/ha. Neither treatment adversely affected the crop, with no biomass reduction or

phytotoxicity observed. In exhibiting refined application technology, **Cubo** does not require the use of additional additives.



**Figure 2:** Wheat yield (kg/ha) following a late-season fungicide application. Trials were conducted in Diego de Alvear (Santa Fe); San Cayetano, Ameghino, La Dolores, Pergamino (Buenos Aires); Los Surgentes (Córdoba) and Diamante (Entre Ríos). 2018/19, 2019/20, 2020/21, 2021/22. Third parties: Agroconsultor, Agrovisto, Surcos consultora, OKANDU, Javier Alasia, Consultora Oeste, INTA, Ing. Diego Copar.

## Key messages and conclusions

**Cubo** 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, plant health and application assistance technology differentiates **Cubo** from comparable products.

**Spraytec** has trialled **Cubo** 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.