



TECHNOTE

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

CUBO IR offers as a dynamic phytostimulant that is suitable for application on all crops. Boasting an exclusive formulation allows application without the addition of other additives. Recommended application timing is during pre-flowering. Ideally suited as a tank partner for fungicides such as Prosaro® 420 SC and Propiconazole, **CUBO IR** is also compatible with liquid UAN.

How does CUBO IR work?

In line with **Spraytec's** innovative product development, composition orientates around chelated nutrients, phosphites and application technology. **CUBO IR** 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 IR** can be safely mixed with other chemicals, ensuring nutrition is rapidly accessible for plant uptake. Incorporation of phosphites into the formulation provides further benefits, as plants are stimulated to acquire more phosphorous, leading to improved health. Complementary application technology increases overall spray efficacy to negate product loss, leading to improved returns.

Table 1: Critical information for CUBO IR.

Product Type	Phytostimulant
Use Rate	300 mL/ha
Timing	Pre-flowering
Compatibility	All pesticides
Crop Suitability	All crops
Nutrient Composition (% w/v)	Copper 4.00% Phosphorus 3.06% Nitrogen 3.00% Boron 2.25% Sulphur 1.25%
Pack Sizes Available	5L & 1000L

Ongoing research and development

Spraytec has committed to conducting extensive trial work with independent research organisations to guarantee confidence of product performance. We maintain values of transparency 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

Figure 1 & 2 outline a yield response when the label-recommended additive is interchanged with **CUBO IR**. A late-season supply of beneficial nutrition provides producers an extra opportunity to boost yields, without compromising spray application efficacy. This differentiates **CUBO IR** from other additives.

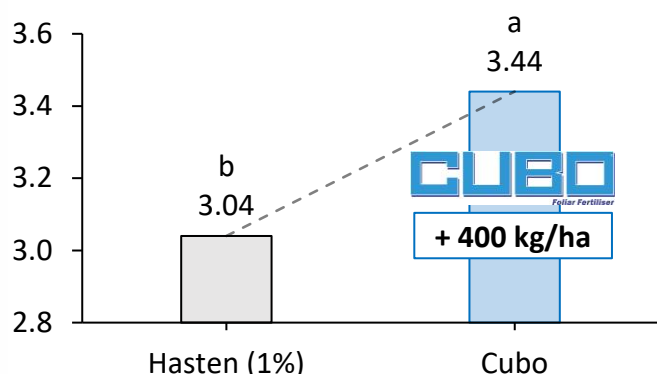


Figure 1: Barley yield (t/ha) following a late-season fungicide application of Prosaro® (150 mL/ha). Trial conducted in Quairading, WA by Living Farm (2020).

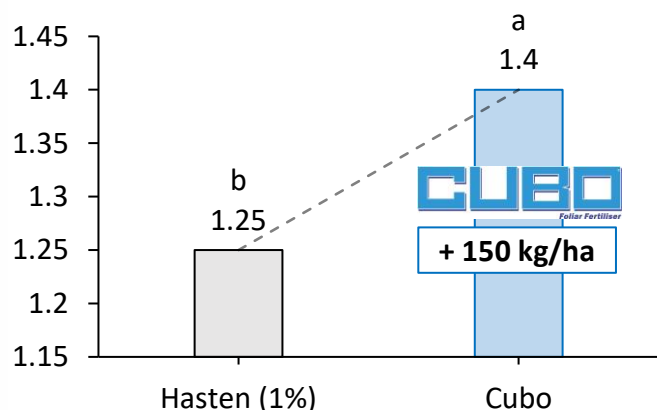


Figure 2: Wheat yield (t/ha) following a late-season fungicide application of Prosaro® (300 mL/ha). Trial conducted in Roseworthy, SA by AgXtra (2019).

Trial reports stated that **CUBO IR** was statistically equal with Hasten® for the control of yellow leaf spot, a fungal disease that contributes to yield losses. Phosphites were essential for this result, improving fungicide translocation and mobility through the plant. Neither treatment adversely affected the crop, with no biomass reduction or phytotoxicity

Tank mixing instructions

Mixing order is critical to ensure that all products perform to their desired potential. Understanding the various chemical formulations is essential to correct mixing order. Please ensure that tank and flush lines are clean prior to using. It is always best practice to not leave tank mix standing for prolonged periods.

Table 2: Tank mixing instructions for **CUBO IR**.

Step 1	With agitation, fill the spray tank to at least 90% capacity
Step 2	Continuing agitation, add CUBO IR
Step 3	Follow tank mixing order as per selected pesticide label recommendation or agronomical advice (granules, concentrates, etc.)
Step 4	Continuing agitation, fill the tank to 100% capacity

Key messages and conclusions

CUBO IR 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, phosphites and application technology differentiates **CUBO IR** from comparable additive products.

Spraytec has trialled **CUBO IR** exhaustively at a global and Australian 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.