

LIGNO-BORON



AG-NUTRI
PTY. LTD.

High availability foliar Boron
for *Poppy* production

8% Boron (w/v) as Ammonium Ligno-Polyborate

Boron is an essential trace element for poppy production.

Through a highly specialized process, SJB AG-NUTRI has formulated a foliar boron that is readily absorbed by leaves (not repelled like boric acid). The ammonium ligno-polyborate complex acts like a chelate allowing boron to be readily absorbed and utilized by the crop.

Application: Up to 3 sprays @ 1-2 L/ha from row cover to capsule development.

Role of Boron in Poppy Production

Flowering

Boron is needed for pollen tube growth. Boron deficiency results in lower numbers of viable flowers and heads.

Cell wall strength & development

Boron deficiency tends to physically weaken plants while also making them more susceptible to fungal or bacterial diseases. Boron like calcium is critical for cell wall structure & plant integrity

Sugar transport

Boron helps to maintain membrane permeability of phloem sieve tubes which transport sugars from the leaves to the fruit. Boron deficiency causes blockages in these tubes that inhibits sugar movement to developing fruits.

Water & nutrient uptake

As with sugar transport, uptake of nutrients and water from the soil is the optimum functioning of root hair membranes. Low boron levels reduce the efficiency of water and nutrient uptake (eg. calcium) which can be detrimental to fruit yield and quality especially if nutrient or moisture shortages occur at critical growth stages like flowering.

LIGNO-BORON is compatible with most Agri-chemicals & nutrient sprays.

Also available is LIG-ZINC + BORON (Zn 6% + B 2%).

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