

## Amino BOSS – an organic approved high load amino acid product

Much has been made of the emergence of amino acids to partner products which are used in plant nutrition programs. Until recently growers have relied on products that were very low in actual amino acid content, in some cases less than 1% active.

According to Stewart Frankling, Agricrop, “Amino BOSS is a real game changer due to its high loading of 635 g/L of a mixture of 19 essential amino acids and its low cost to growers”. Its high loading and benefits in terms of productivity gains makes it an affordable tool to help optimise plant health and productivity. Amino BOSS is ideal for maximising plant productivity during periods of transplant, flowering and fruit set and has achieved excellent results since its launch in 2011 by Agricrop – Australia’s first choice in Biorational products.

Agricrop Sales Manager Mr Stewart Frankling said “Target markets are basically any crop that will benefit from a supplementary boost of amino acids during peak production periods such as flowering, fruit set and fruit finish. Results are already on the board with outstanding returns in crops such as melons, vegetables, avocados and mangoes” said Mr Frankling.

Plants make the proteins they need by synthesising them from amino acids, which normally need to be produced by a very complex biochemical process that consumes significant biological energy. “Amino BOSS allows the grower to give plants the amino acids and peptides they need already formed, which saves the plant a lot of energy which can instead be directed in to optimising plant productivity” said Mr Frankling. Glycine is a very important component as it is a strong chelate which forms an essential component of chlorophyll synthesis and leaf formation. Proline maintains the plants cell water balance which helps it to cope better with adverse conditions such as drought and salinity and also increases the percentage of pollen grain germination.

While there are other amino acid products on the market, only Amino BOSS is certified to contain this unique blend of 19 amino acids, all of which have important functions in plants. This ACO registered product, can be used by organic as well as conventional growers, right up until harvest, as there is no withholding period and a nil re-entry period.

Amino BOSS can be applied as either a foliar spray at a rate of 3 to 5L/ha or via fertigation at a rate of 5L/ha.