

# PEATS PHOSPHOR BOOST

Certified Organic



## FACT SHEET



Most Australian soils are naturally low in phosphorus due to extensive weathering!

**While native plants are adapted to these low levels, introduced crops and pasture grasses are not, which means that we need to apply phosphorus fertilisers to soil to achieve productive yields.**

Phosphorus is one of the three main nutrients plants require to thrive: phosphorus (P), nitrogen (N) and potassium (K).

A plant with the proper amount of phosphorus available to it will grow more vigorously and mature earlier than plants with inadequate phosphorus.

If plants are starved of phosphorus as seedlings they may not recover when phosphorus is applied later.

Phosphorus deficiency symptoms: stunted growth, lack of fruit or flowers, wilting and leaves may be greener or have a purple cast to them due to the photosynthetic process being affected.

**The advantages of Peats Phosphor Booster are:**

- Complete plant nutrient supply;
- Increase soil organic matter;
- Help retain moisture in the soil longer;
- Continuously release nutrients during the entire growing season;
- Accumulate nutrients in the soil for more than one year/season;
- Helps condition the soil and assist in the soil aeration;
- Help sustain the biological activity in the soil and thus regular nutrient release.



General analysis of the phosphor booster fertilizer is 3:2:1. Such ratio combined with the low price and high volumes competes with any of the other fertilizers on the market.

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Peats Phosphor Booster has a unique blend combined with the never ending work of compost organisms contributes to the increase levels of available phosphorus to the plants throughout the entire growing season.

Peats Cultured Compost is produced from carefully selected raw materials to deliver high quality end product. Peats Cultured Compost is produced from carefully selected raw materials to deliver high quality end product. The general compost is low in phosphorus and this makes it incomplete when applied on phosphorus deficient soils.

Peats Phosphor Booster has been formulated and produced to meet the crop demands for Nitrogen, Phosphorus and Potassium in full. The phosphorus levels are increased up to 2%.

The ideal soil pH for phosphorus availability is between 6 and 7. Both acidic soils with pH below level of 5, and alkaline soil with a pH level higher than 7.3 have negative effect on phosphorus availability. The phosphorus becomes fixed in compounds plants are unable to utilize. Because phosphorus is so easily fixed in the soil, crops and pasture take up only 5-20% of phosphorus applied to the soil.

With its unique formulation Peat's phosphor booster is able to increase the phosphor availability to the plants and at the same time buffer the soil's P bonding capacity.

