

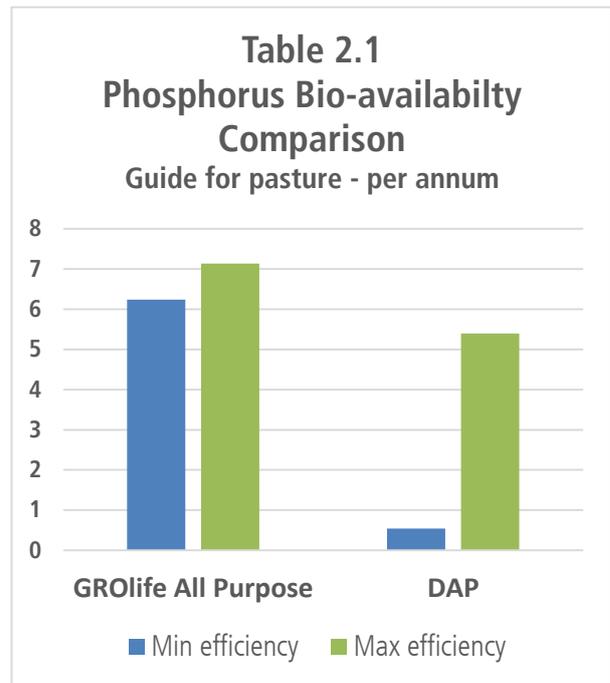
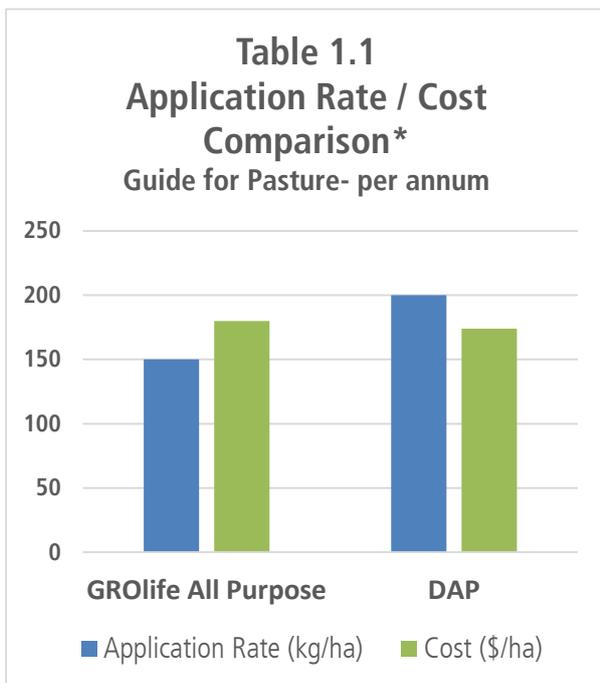


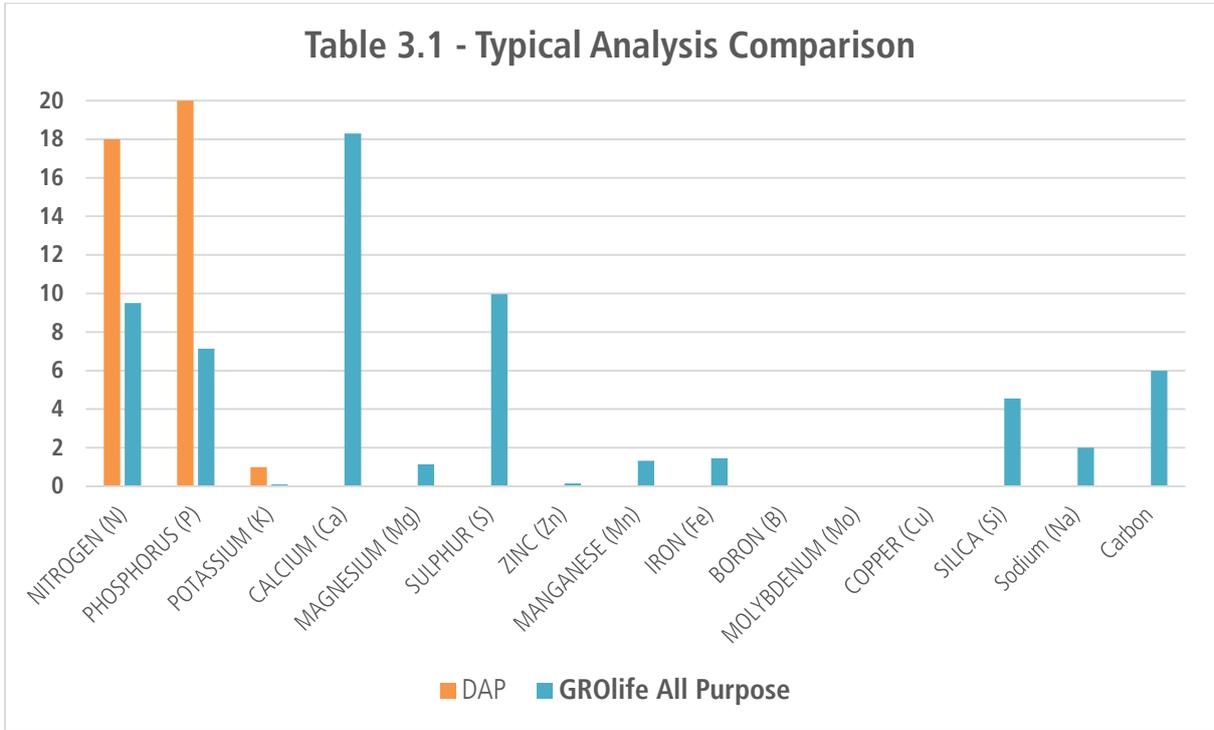
GROlife™ All Purpose Fertiliser

GROlife™ All Purpose Fertiliser is a formulated granule blend, providing a superior, balanced blend of over 60 elements of natural origins. Free of nasty synthetic chemicals and bio-hazards, it is an environmentally friendly fertiliser solution that provides safer handling and storage capabilities over common chemical based fertiliser options.

When compared against conventional products such as Di-ammonium phosphate (DAP), **GROlife™ All Purpose Fertiliser** really starts to stand out as a clear advantage. Table 1.1 shows the product efficiency of the All Purpose with a lower application rate resulting in a similar cost per/ha to the DAP.

Refer to Table 3.1 and you will notice that DAP has a NPK typical analysis much higher than All-purpose, however, fertilisers do not all work the same way! CSIRO trials (McBeath, 2011) have shown water soluble phosphate efficiency varies and can become 'tied up' within soil and unable to be utilised by plants. Influences such as temperature and moisture, along with soil pH and available micro-nutrients limit the nutrient value of water soluble phosphate, resulting in leaching and tying up. McBeath study revealed that Phosphorus Fertiliser Use Efficiency (FUE) in soils tested was between 3-30%. Table 2.1 takes a snapshot comparison based on the minimum and maximum bio-availability of **GROlife™ All Purpose Fertiliser** (being 90-100%) against the results of the before mentioned study on DAP (3-30%).





*Information correct as per July 2018, based on pricing from suppliers and product data sheets.

With a balanced spectrum of highly effective macro and micro nutrients it is important to understand it is not just about the numbers found within a product analysis, but the level of their efficiency. The natural profile of **GROlife™ All Purpose Fertiliser** results in effective utilisation of nutrients to soil biology, superior to that of chemical based products.

Key Features of GROlife™ All Purpose Fertiliser.

- **Nitrogen (N)** provided as ammonium for a consistent and sustained delivery, accessible to soil biology.
- Unique **Phosphorus** source from biological origins has been fossilised over time for 90 - 100% bio-availability.
- Natural origins of All Purpose nurture soil health, providing **consistent results** over various soil profiles of differing pH and nutrient levels.
- **Supports beneficial natural fungi** colonies, virtually non-existent where traditional fertilisers are used. An example are mycorrhizal fungi improve plant growth by increasing nutrient uptake and protect them against pathogens.
- **Silica** has been shown to increase cell structure of plant walls, assisting increased nutritional uptake at all stages of plant growth. Accumulated silica within plants forms around infected sites selectively, providing additional support that can fend off fungal infections such as rust, pythium and powdery mildew and well as increasing resistance to pest attacks.
- **Organic Carbon (C)** increases water retention and infiltration within soils.
- **Synthetic Chemical Free, No bio-hazards.**
- **GROlife™ All Purpose Fertiliser** can be customised to reflect all macro and micro nutrient requirements as result of soil reports or customer preference.