

## DRY START TO THE SEASON FOR MANY AUSTRALIAN FARMERS

**Don't Let Past Practice or 'Old Thinking' Determine This Season's Yield**



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Specialty liquid fertilisers are bringing new technologies to the agricultural marketplace and new hope to farmers who are tired of accepting that there is nothing they can do about poor seasons.

It is no longer useful to think that an occasional poor season is inevitable, or that there is little you can do than simply wait for rain or until 'things pick up'. Don't waste the effort and financial investment you've already made in your enterprise! Consider modern fertiliser practices that will not only bring short term reprieve for your crops, but also long term benefits for your soils.

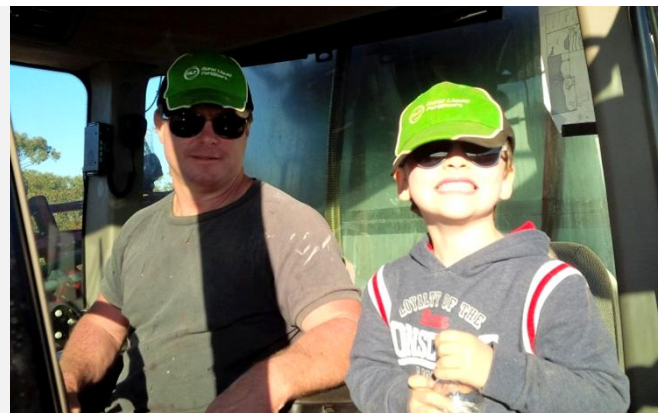
- There is so much more that can be done to give your crops the boost that they need right now to deliver increased yield
- There is so much more that can be done to build your soils in readiness for the next season

Fight back, frame a different mind-set, and explore what options are available.

## Fight Back, Frame A Different Mind-Set, Explore Your Options

**RLF** (Rural Liquid Fertilisers) is leading the way with specialty crop nutrition fertilisers and National Sales Manager Grant Borgward says that :

*“by using RLF's foliar fertilisers you can fast track your crop's development and make up for lost growing time. These products have been proven over a long period of time and deliver tangible outcomes. Now is the time to factor them into your fertiliser routines”*



Grant helped by his son

### The Difficult Truth of a Dry Season

Here are some difficult truths and known nutrient facts about dry seasons :

- dry top soil equates to reduced access to phosphorus and trace elements
- plants have less time to accumulate the nutrients they need for healthy growth and grain fill
- root systems must grow in order to chase nutrients, but this is often at the expense of healthy top growth
- maintaining photosynthesis through increased phosphorus and trace element supply is key – and these are in short supply in dry season
- keeping the potassium supply to the plant, a much needed nutrient for continued plant survival in dry conditions (especially during the reproductive growth phase) is crucial



*Grant preparing his crop in the best possible way*

Foliar spraying with specialty crop nutrition products such as those that follow, are just three options available to broadacre farmers.

Not only does the crop benefit from the leaf-applied nutrients at that time that they need it most, they benefit too from the hydraulic effects of application. Maintaining moisture, as with a foliar spray, certainly reduces some of the impact of dry season.

## Three Specialty Products that Protect and Boost Crop Growth and Development in Dry Conditions

### Plasma Power



**Plasma Power** is a foliar fertiliser high in phosphorus. It lifts crop yield and is supported by value-adding trace elements.

Leaf-applied available phosphorus improves tillering and better root growth, and the trace element package in **Plasma Power** (zinc, copper and manganese) ensures that trace element deficiency will not rob you of valuable yield in a tight year. This allows the cost effective matching of application rate to meet expected yield, because the trace elements are proportionate to the exacting crop-removal levels required for high yielding crops.



## Rapid Max



**Rapid Max** uses an ionic form of zinc and copper to ensure rapid and improved uptake efficiency by the leaf. It is phosphorus-based, providing fully available and some chelated inorganic phosphate in the immediate form required by the plant. This delivers better yield and overall result. **Rapid Max** also has a direct impact on increasing soil organic matter. This is because of the increased root mass and beneficial rhizosphere activity brought about by root turnover and plant root exudate with more microbial activity after harvest. This makes soils softer for planting, reduces leaching and improves nutrient and humus availability for next season.

## PowerPK



**PowerPK** is a highly concentrated potassium and phosphorus product with near neutral pH, free of chloride and sulphate. It is engineered to supply potassium and phosphorus as a foliar for broadacre crops, and can be easily mixed with UAN and urea because it's high citric acid content makes it highly suitable for foliar tank mixes. Potassium and phosphorus are extremely beneficial for grain fill, and **PowerPK** has the most impact on productivity and return when used during the reproductive phase of crop growth. Its continuous use does not add to soil salinity or to soil water stress, and it is an excellent product to use in dry conditions.

## Summary

There is no need to give up, or give in to the dry season. Feed the plant via the leaf when it cannot obtain these nutrients readily through their root system. RLF **Plasma Power** and **Rapid Max** can provide this energy and encourage more root growth to better access what moisture reserves are in the soil. **PowerPK** can augment this good start with continued support during grain fill and for driving yield.

RLF has over 20 years of experience helping farmers achieve better crop outcomes in all growing seasons. You too can benefit from what modern fertiliser technologies offer.



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