



# MAKE EVERY TONNE OF FERTILISER COUNT IN 2024!

**USING PROVEN VARIABLE RATE PHOSPHORUS (VR-P) STRATEGIES,  
PRECISION AGRICULTURE WILL HELP YOU OPTIMISE YOUR FERTILISER USE.**

Phosphorus (P) is essential for plant growth and yield potential can not be recovered if there is an early phosphorus soil deficiency. In cropping systems, P supply needs to be managed before or at sowing with most P is taken-up in the first six to eight weeks, setting-up yield potential by maximising tiller number and head size.

To avoid these yield penalties, an intensive soil testing program is used to measure any soil P deficiencies. Nutrient mapping and phosphorus replacement strategies are the best methods to allocate your MAP, DAP or SSP each season.

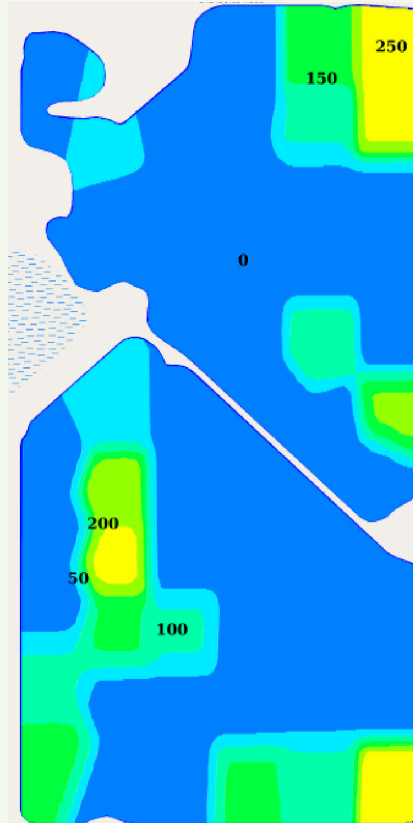
#weknowsoil

precision  
agriculture

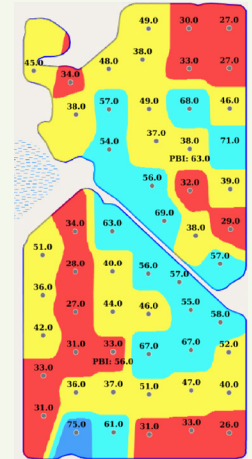
# VARIABLE RATE PHOSPHORUS STRATEGIES

## CAPITAL PHOSPHORUS STRATEGY

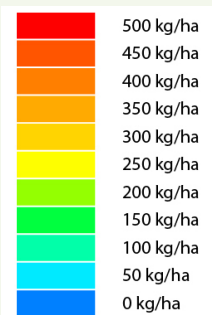
- **This approach should be used to address known soil phosphorus (P) constraints using a targeted VR-P strategy for maximum results**
- In cropping systems, P supply needs to be managed before or at sowing. Most P is taken-up in the first six to eight weeks, setting-up yield potential by maximising tiller number and head size. Yield potential cannot be recovered if there is an early P deficiency
- To avoid these yield penalties, an intensive soil testing program should be used to measure any soil P deficiencies
- Grid soil sampling is the best tool to highlight in paddock P variability. Specific areas can then be targeted with a VR-P strategy to address any soil P constraints
- The full range of P-fertiliser products can be applied with this strategy, using either VR spreading or VR seeding equipment



VR Capital P Map



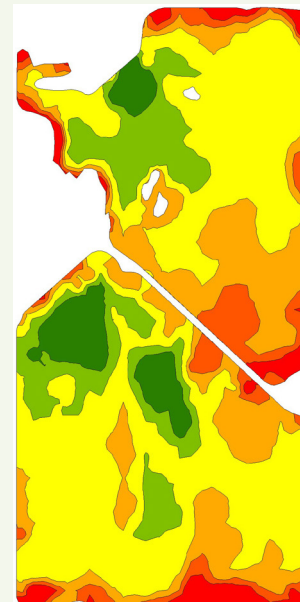
Grid Colwell P Map



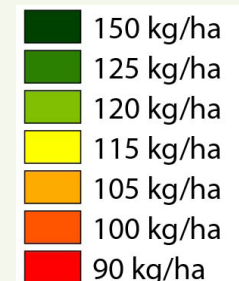
Single Super Rates

## REPLACEMENT PHOSPHORUS STRATEGY

- **This approach can be used to maintain soil P levels by replacing P that has exported from the paddock by the previous crop**
- P-replacement is only recommended where soil tests confirm sufficient levels of available P. Lower soil P levels may result in yield penalties
- Processed yield maps, calibrated to paddock tonnages, help determine the amount of P removed by the previous crop
- Using crop type and yield targets for 2024, the P-requirements can be calculated
- The full range of P-fertiliser products can be applied with this strategy, using VR seeding equipment only
- Cost - \$500 per paddock (excl. GST)



VR Replacement P Map



Single Super Rates

Precision Agriculture

1800 773 247

sales@precisionagriculture.com.au

precisionagriculture.com.au

precision  
agriculture