



## WHEAT INFURROW FERTILISER APPLICATION CUMMINS, SA, 2021

### Lumen features

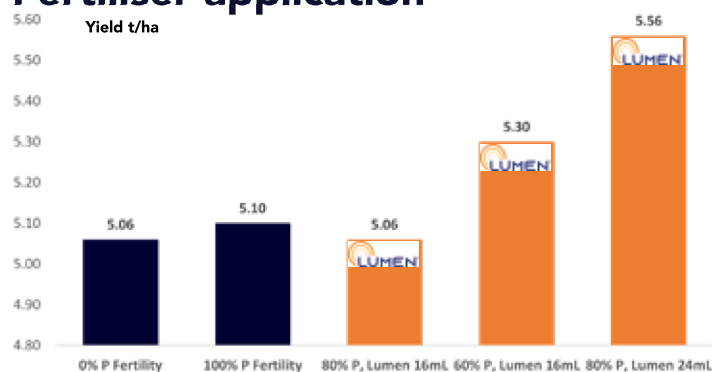
- Liquid enzyme additive to enhance nutrient uptake in broadacre crops
- Helps stimulate native microbial populations
- Apply in-furrow in water or with liquid fertilisers at planting or coat onto granular fertiliser applied before planting
- Helps improve soil and plant health, growth and yield

### Treatments

#	Treatments	Rate (mL/ha)
1	0% P Fertility	-
2	100% P Fertility	-
3	80% P Fertility, Lumen	16
4	60% P Fertility, Lumen	16
5	80% P Fertility, Lumen	24

- All trials received 100% fertility for N, S, Zn
- Lumen applied banded in-furrow injection in 100L/ha water volume
- Fully replicated trial 2m x 12m plots, 4 replicates

### Fertiliser application



### Trial highlights

- Non-responsive P site.
- Lumen at 16mL/ha can be used to replace 20% P.
- The addition of Lumen 24mL/ha at 80% P fertility increased yield by 500kg/ha or 9.9%, a \$150.00 return / ha.

### Fertiliser program

Fertiliser program	2021
100% P - Triple Superphosphate kg/ha Banded at sowing (20kg P/ha)	100kg/ha
80% P - Triple Superphosphate kg/ha Banded at sowing (16kg P/ha)	80kg/ha



Site overview photo highlighting responses of various treatments.



The information provided in this Info Sheet is an extract and does not constitute the full Directions for Use. PLEASE READ THE PRODUCT LABEL THOROUGHLY BEFORE USE.