



**NORTHERN
SUSTAINABLE
SOILS Inc.**
Bringing New Ideas to Northern Soil Types

Effective Farm Trials

Leet Wilksch

EO & Researcher

Paskeville, Yorke Pen, SA

Why trial?

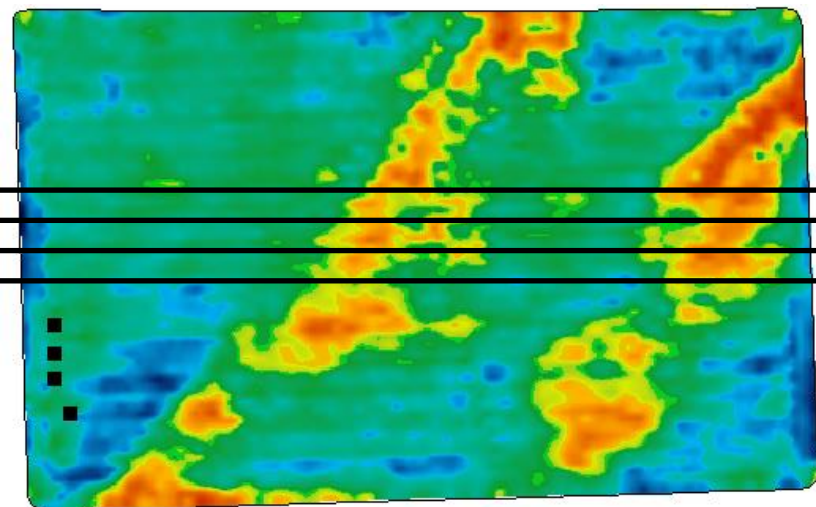
- **To evaluate/test a theory**
- **Pressing issue needs an answer**
- **Funding to trial a product or technique**
- **To provoke interest or encourage new ideas.**



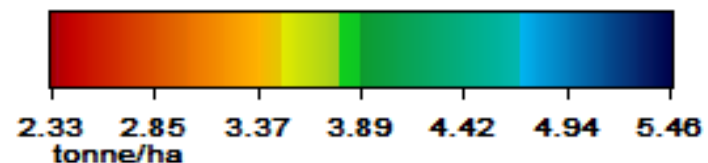
How to trial successfully



- **Ensure switched on collaborators**
- **Locate so it is accessible – lane way**
- **Tramline/CTF passes a must**
- **Understand variability within the paddock – trial placement**



Wheat Yield



Layout & assessments



- **Soil test – stratified for best results**
- **Have control/UTD strips & replicate**
- **Ensure suitable plot width – harvester**
- **Germ, dry matter cuts, NDVI, head count, harvest index, yield & quality.**
- **Understand *variability* in yield data**



