

“THE EFFECT OF STANDING CANOLA STUBBLE ON THE RELEASE PATTERN OF LEPTOSPHAERIA MACULANS”

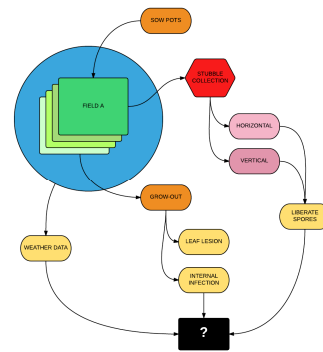


History

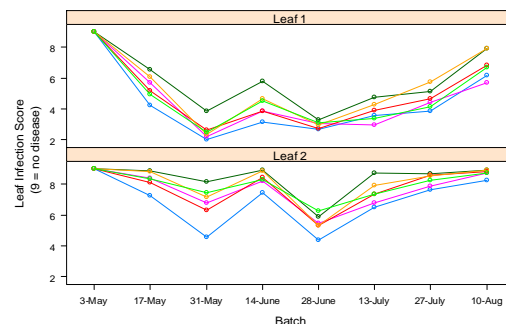
- ~ Production systems have changed markedly in the past 20 years
- ~ Previous research relates to more “convention-type” systems
- ~ Reduced tillage/stubble retention
- ~ Auto guidance systems
- ~ Wide row spacing
- ~ Inter-row sowing
- ~ Plants are emerging into different micro-environment
- ~ Changing pest and disease behaviour
- ~ Implications for blackleg management?

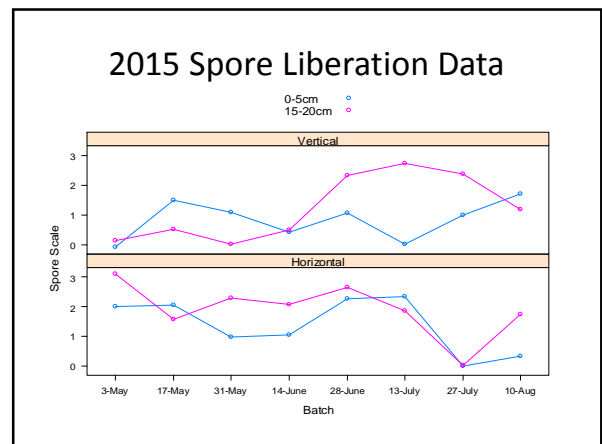
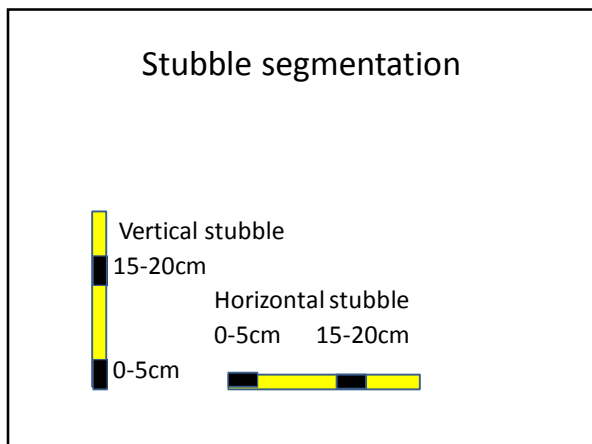
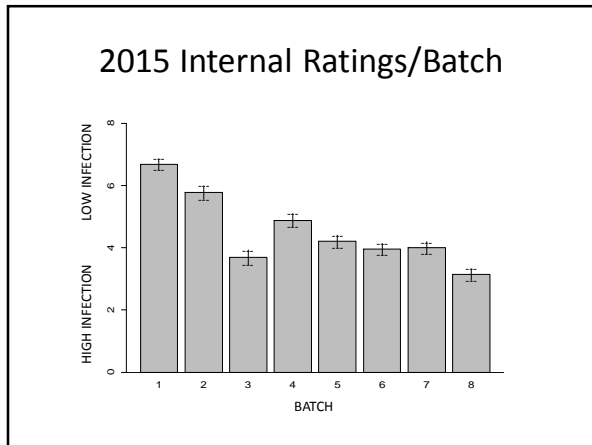
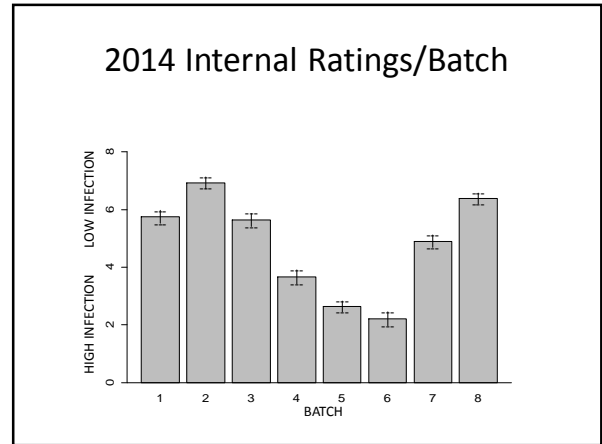
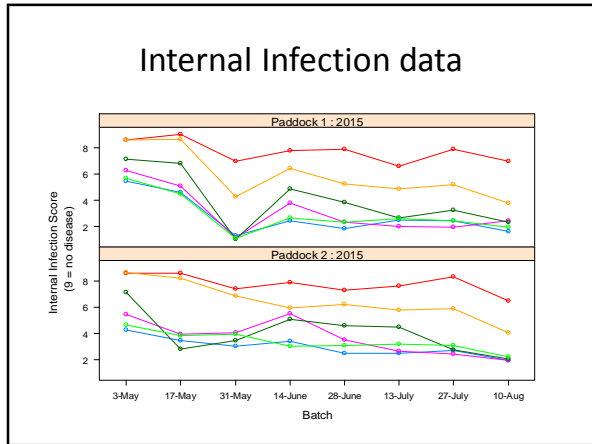
Process

- ~ Strategic use of trap plants and stubble collection
- ~ 2 seasons/2 paddocks
- ~ Stubble quadrants to quantify load
- ~ 8 batches (May-mid August)
- ~ 6 genotypes/4 replicates paddock
- ~ 4 plants/pot COT-1lf stage (2 weeks)
- ~ Vertical/horizontal stubble samples collected every 2 weeks (0-5cm, 15-20cm)
- ~ Weather data



Leaf Lesion data





Next steps?

- " Analyse corresponding weather data
- " Quantification of stubble loads
- " Quantification of liberated spores
- " Combine all components

Acknowledgements

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