



SAATEN
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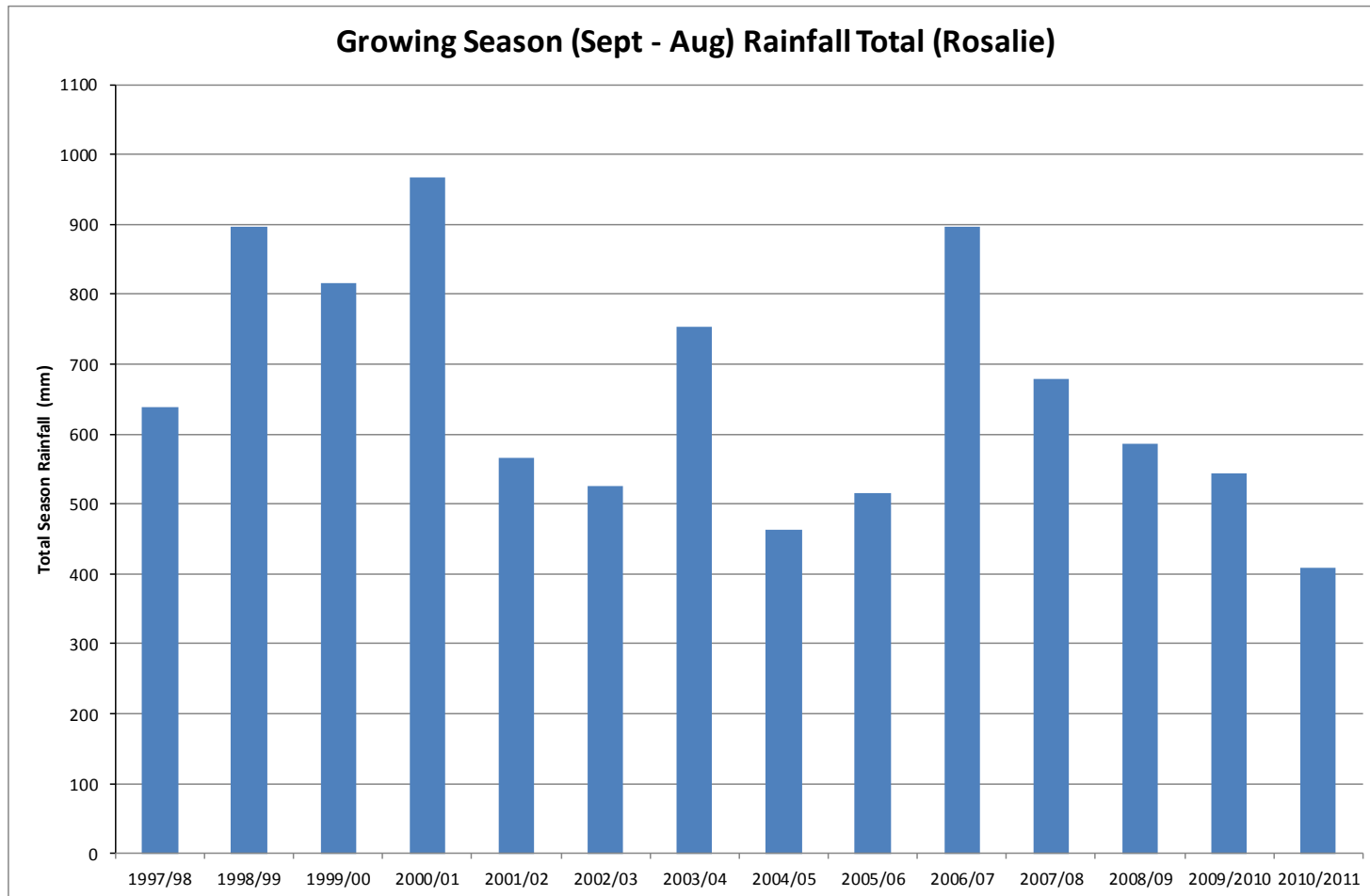
SAATEN
**UNION**

Saaten-Union (UK) Ltd

- Established in 1997
- Representing 5 of the breeders represented by Saaten-Union GmbH
- Involved in trialling, development and commercialisation of:
 - Winter & Spring Barley
 - Winter & Spring Wheat
 - Hybrid Wheat
 - Spring Oats
 - Triticale
 - Rye
 - Winter & Spring Rapeseed
 - Forage Maize



Saaten-Union (UK) Ltd



Direct Drilled Variety Trials

- Direct drilled trials started on winter wheat in 2006
 - Established as 2nd cereal
 - Row Spacing
 - Claydon: 30cm
 - Conventional: 12.5cm
 - Seed Rate
 - Claydon: 230seeds/sqm
 - Conventional: 320seeds/sqm

Direct Drilled Variety Trials



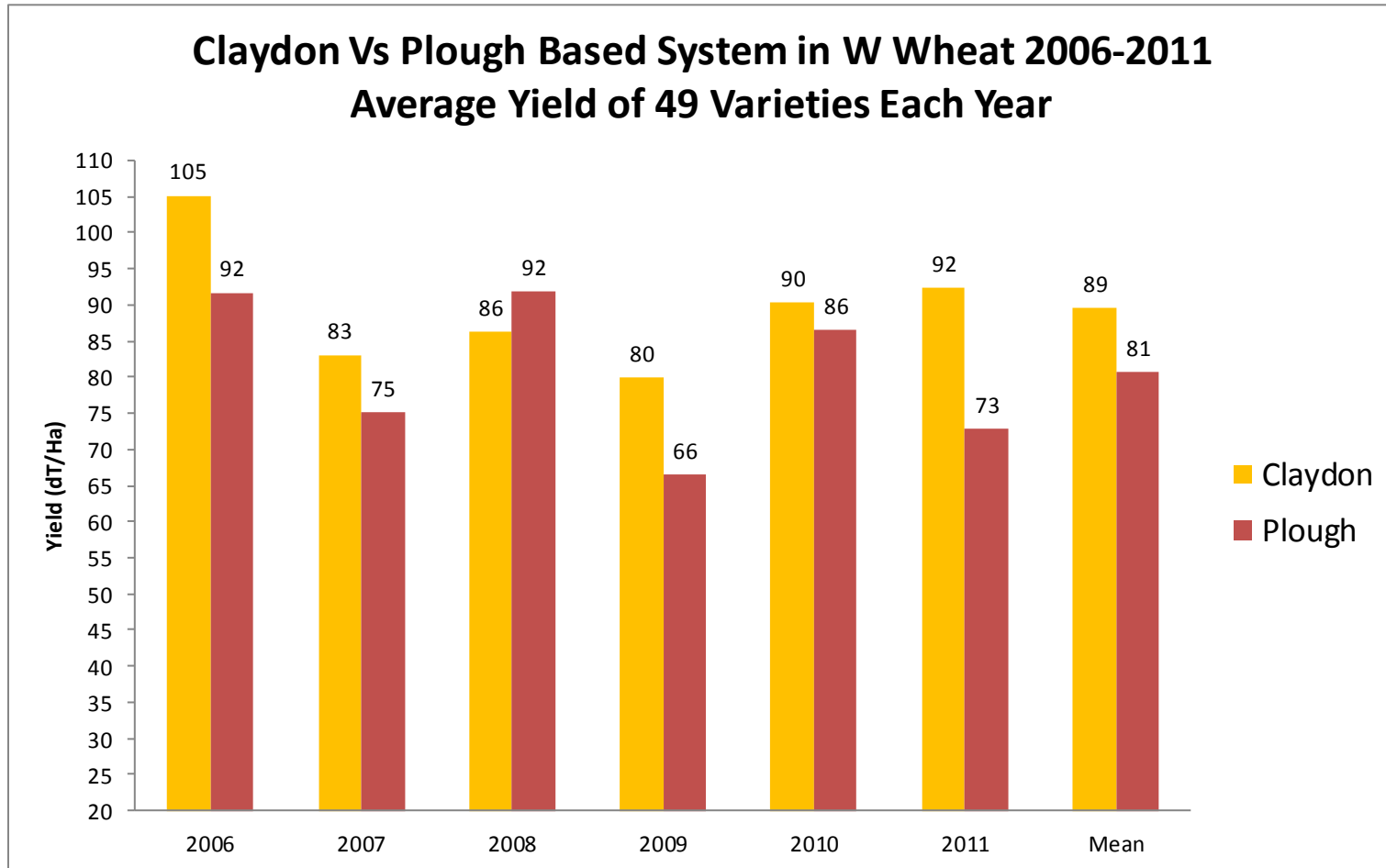
Direct Drilled Variety Trials



Direct Drilled Variety Trials



Direct Drilled Variety Trials



Direct Drilled Variety Trials

- Direct drilled trials started on winter rapeseed in 2007
 - Intention to test varieties under more typical farm conditions
 - Row Spacing
 - Claydon: 45cm
 - Conventional: 20cm
 - Seed Rate
 - Hybrid Varieties: 70seeds/sqm
 - Inbred Varieties: 90-100seeds/sqm

Direct Drilled Variety Trials



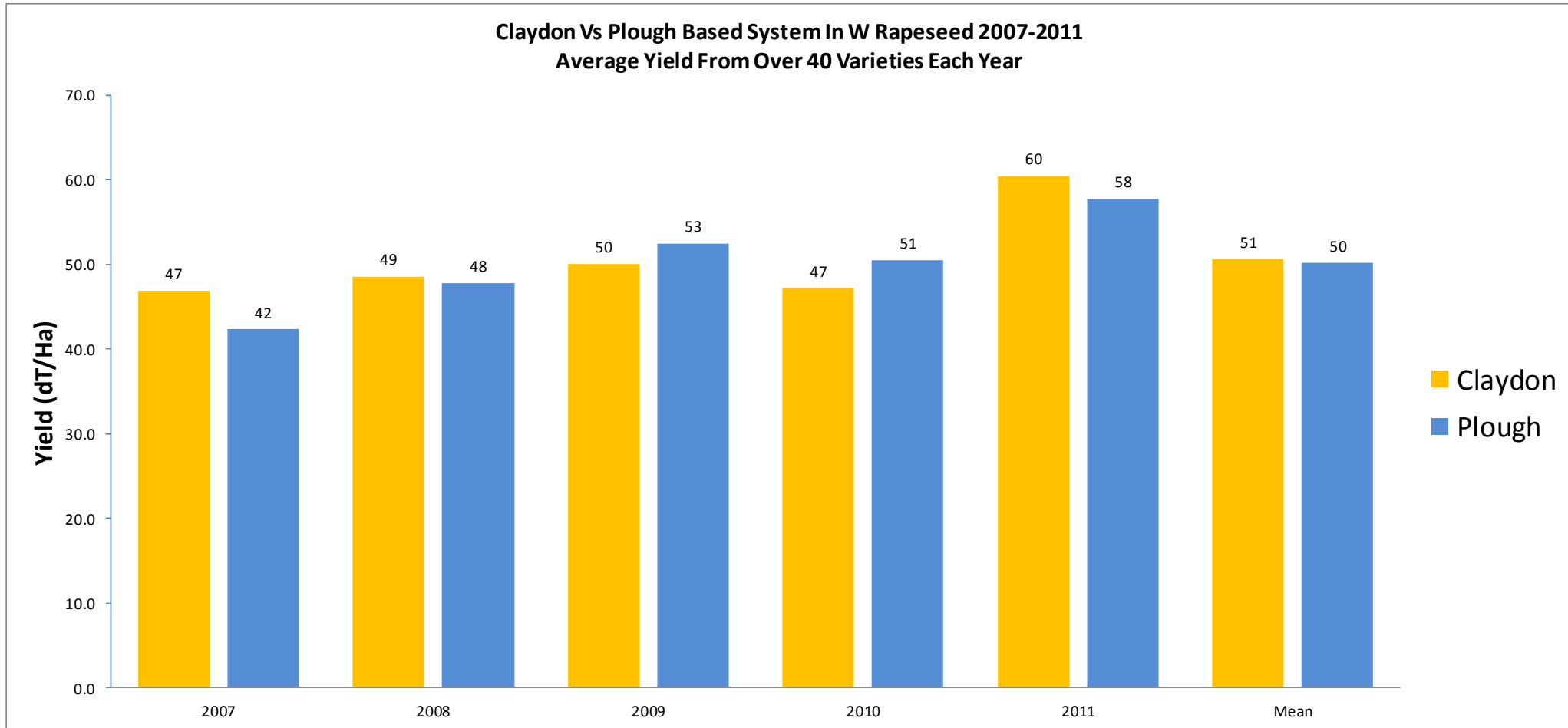
Direct Drilled Variety Trials



Direct Drilled Variety Trials

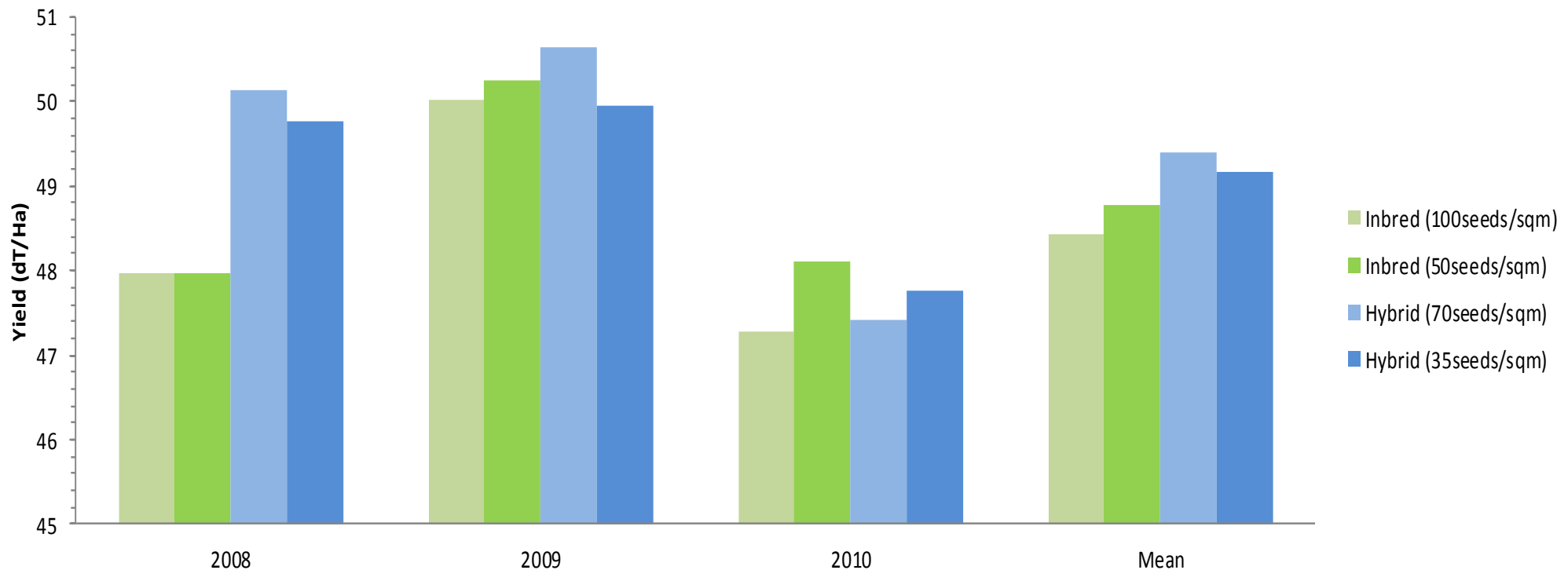


Direct Drilled Variety Trials



Direct Drilled Variety Trials

Effect of Seed Rate In Claydon Established W Rapeseed 2008-2010
Average Yield of 30 Varieties Each Year



Direct Drilled Variety Trials

Conclusions

Winter Wheat As 2nd Cereal

- Indications of a consistent yield advantage compared to plough based system.

Winter Rapeseed

- More consistent & reliable establishment in dry conditions.
- Large reductions in establishment costs with no effect on yield.
- Scope for reduction in seed rates with possible yield benefits.

Direct Drilled Variety Trials

Thank-you to
Jeff and all the Team
at Claydon



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