

by kind permission of Easton College

Drilled: 18th August 2009
Previous crop: Winter Barley (straw baled & removed)

Establishment methods:

Ploughed then drilled with Vaderstad Rapid
 Simba DTX followed by Vaderstad Rapid
 Simba DTX + Turbojet Wizard
 Vaderstad Topdown + Biodrill

Varieties:

DK Cabernet, PR45D05, PR46W21
 DK Cabernet, PR45D05, PR46W21
 DK Cabernet, PR45D05, PR46W21
 DK Cabernet, PR45D05, PR46W21

ALL PLOTS WERE ROLLED ON 18TH AUGUST

Photographs of plots taken on 8th October



Vaderstad
 Topdown + Biodrill



Simba DTX /
 Vaderstad Rapid drill



Ploughed & pressed /
 Vaderstad Rapid drill



Establishment method

DK Cabernet

PR45D05

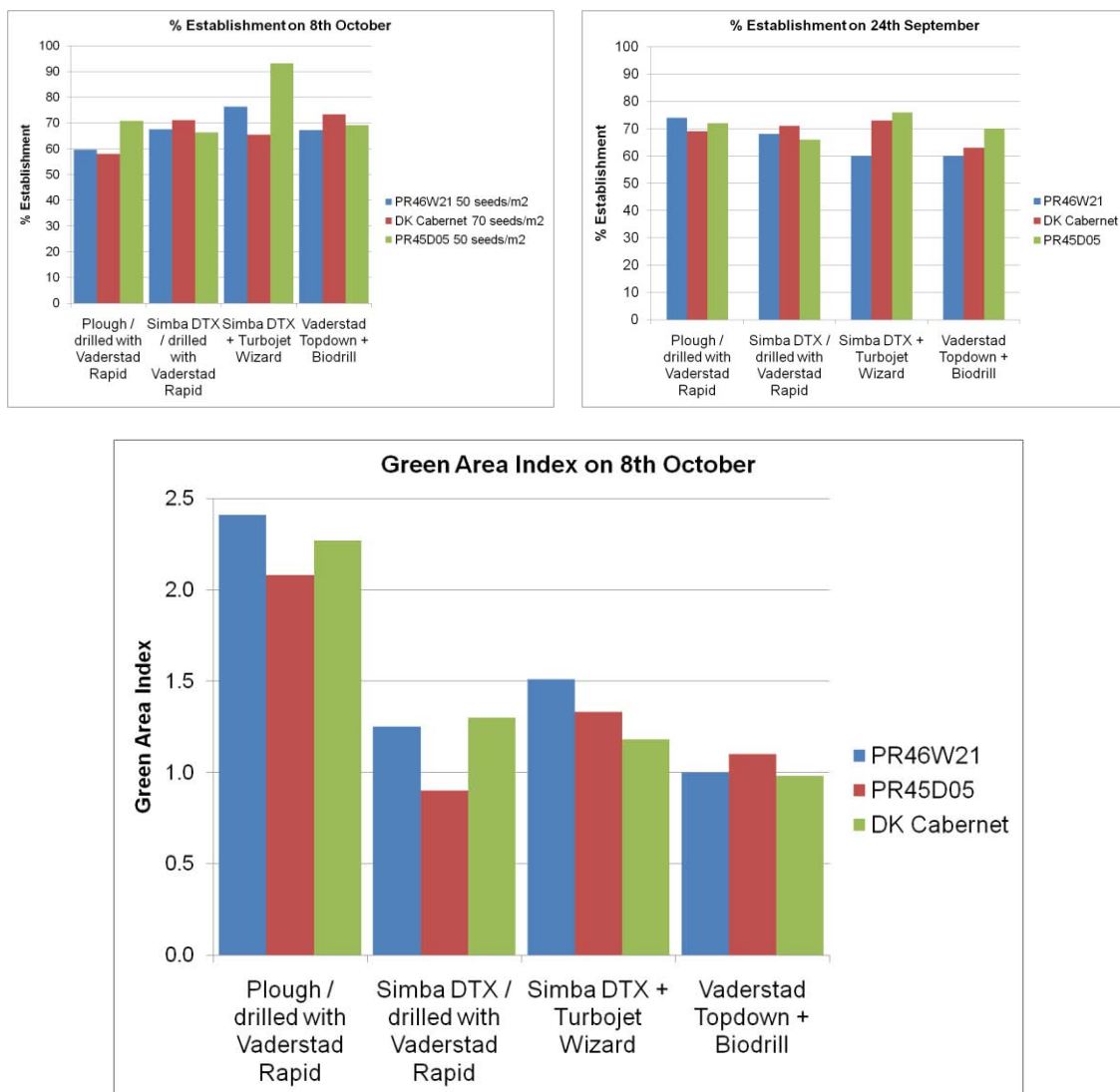
PR46W21

Additional work includes:

- Seed rate comparisons
- Seed placement with Simba DTX + Turbojet
- Variety demonstration strips
- Other trials (overlaid across establishment methods and varieties) are also being undertaken at the site

Establishment and Green Area Index at Easton

A final assessment of crop establishment counts were carried out on 8th October. In addition Green Area Index was determined for each plot.



DK Cabernet : Conventional variety with high seed yield of 109% and very high oil content at 45.3%.

Good disease scores and stiff stemmed for good lodging resistance.

PR45D05: Semi-dwarf hybrid with seed yield of 99% and oil content of 44.1% in CEL trials.

Unrivalled stem stiffness and lodging scores. Very good harvestability

PR46W21: Fully restored hybrid high seed yield of 107% and very high oil content at 46.2%.

Moderate disease scores but very stiff stemmed for good lodging resistance