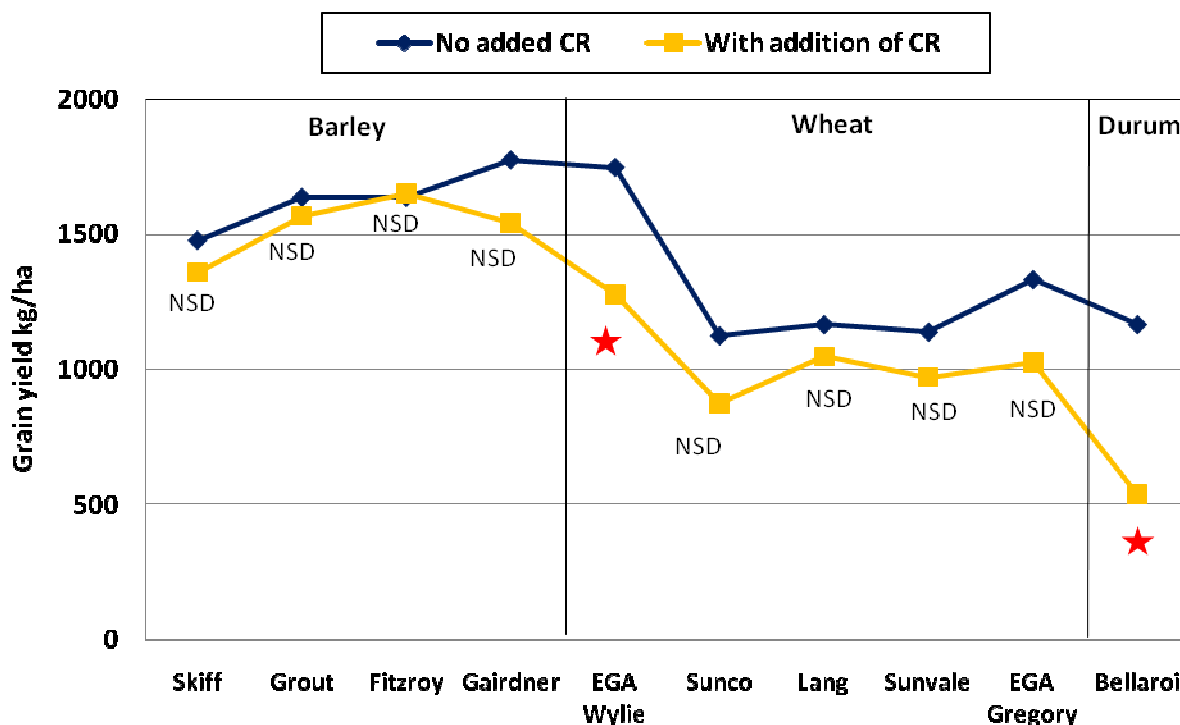


Trial number: NGA0708
Site: 'Gorian' Rowena
Co-operator: Duncan Ball

Planting date: 14/05/2007
 Harvest date: 23/10/2007
 PreDicta B crown rot result: 78 pg DNA/ g soil (Low level)
 In-crop rainfall: 90 mm

Impact on yield from addition of crown rot (CR)

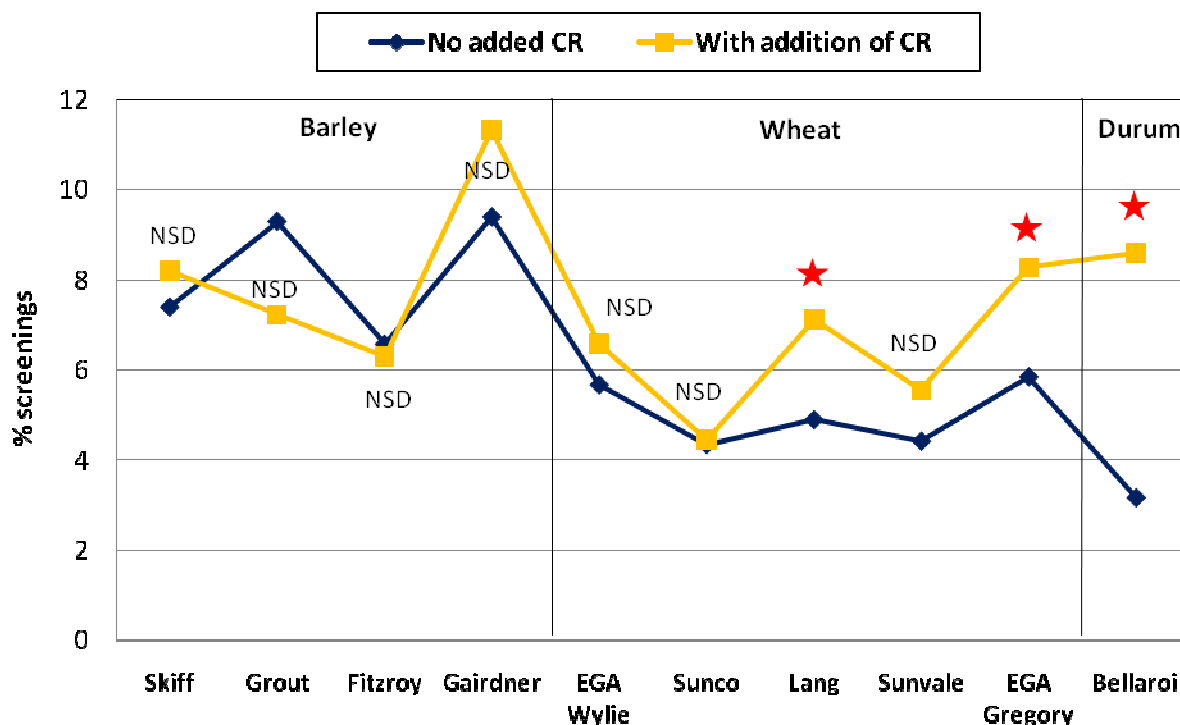


★ = significant **reduction** in variety yield with addition of crown rot
 NSD = no significant difference in variety yield with addition of crown rot
 CV=21%, LSD (5%) = 384 kg/ha

With the addition of crown rot:

- Barley recorded an average 6% yield reduction (~100 kg/ha)
- Wheat recorded an average 20% yield reduction (~260 kg/ha)
- Bellaroi recorded a 54% yield reduction (~630 kg/ha)

Impact on screenings from addition of crown rot (CR)



★ = significant **increase** in variety screenings with addition of crown rot
 NSD = no significant difference in variety screenings with addition of crown rot

With the addition of crown rot:

- Barley recorded no change in screenings
- Bread wheat recorded an average 1% increase in screenings
- Bellaroi recorded a 5% increase in screenings

Key messages

Trial planted early into marginal soil moisture but with very low in-crop rainfall. Yields very respectable given the conditions.

- Low crown rot yield loss situation
- Average barley yields ~1600 kg/ha with bread wheat yield ~1300 kg/ha
- Barley had lower levels of absolute yield loss than bread wheat
- EGA Wylie, Sunco and Sunvale recorded less screenings impact
- No significant impact from crown rot on barley quality