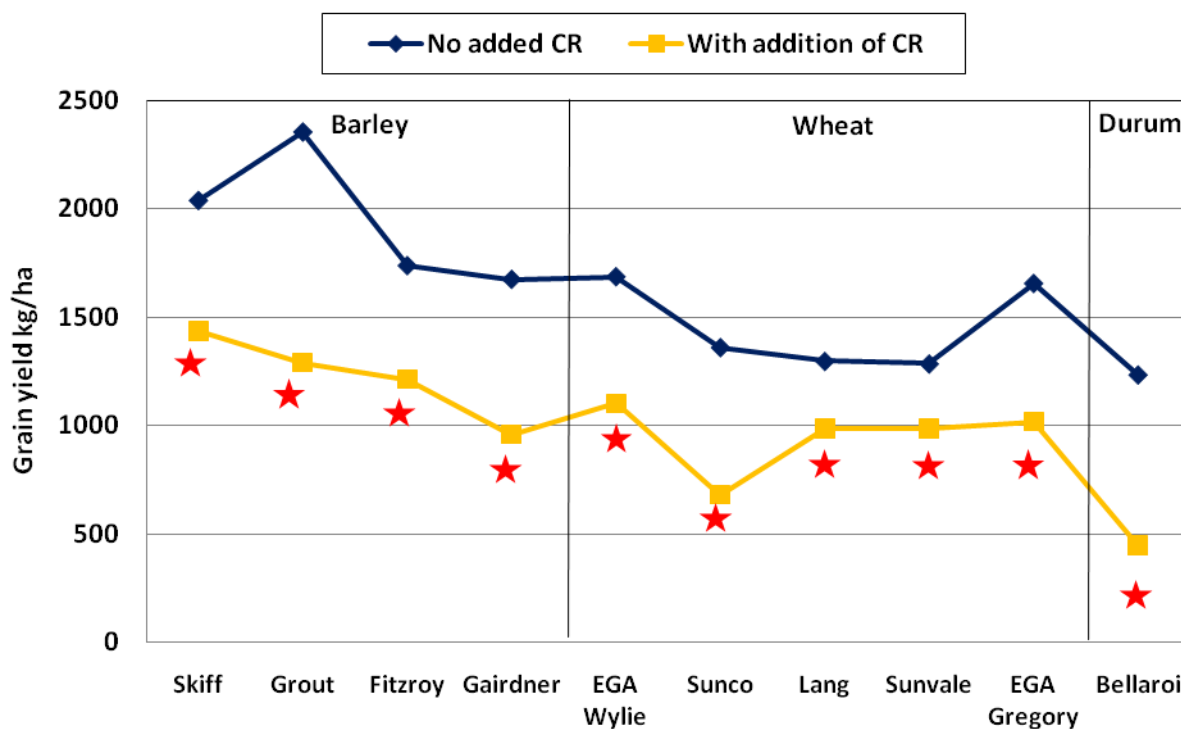


Trial number: NGA0703
Site: 'South Bunarba' Weemelah
Co-operator: Joe Robinson

Planting date: 13/06/2007
Harvest date: 19/11/2007
PreDicta B crown rot result: 4 pg DNA/ g soil (Low level)
In-crop rainfall: 79 mm

Impact on yield from addition of crown rot (CR)

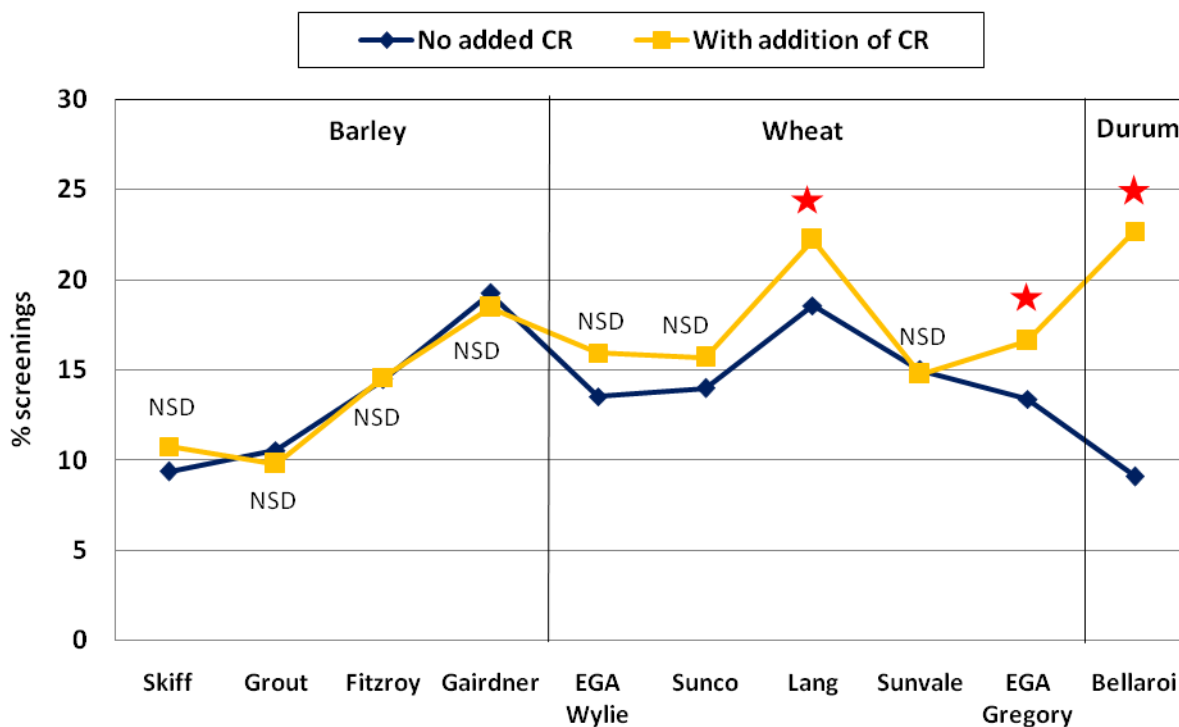


★ = significant **reduction** in variety yield with addition of crown rot
 NSD = no significant difference in variety yield with addition of crown rot
 CV=11%, LSD (5%) = 200-231 kg/ha

With the addition of crown rot:

- Barley recorded an average 37% yield reduction (~720 kg/ha)
- Bread wheat recorded an average 34% yield reduction (~500 kg/ha)
- Bellaroi recorded a 64% yield reduction (~790 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 2% increase in screenings
- Bellaroi recorded a 14% increase in screenings

Key messages

Trial planted on marginal soil moisture with low in-crop rainfall. Grain yields were impressive considering the season.

- Moderate to high crown rot yield loss situation
- Barley average yield ~1900 kg/ha with average bread wheat yield ~1500 kg/ha
- Barley had higher levels of absolute yield loss than bread wheat
- EGA Wylie, Sunco and Sunvale recorded less screenings impact
- No impact from crown rot on barley quality