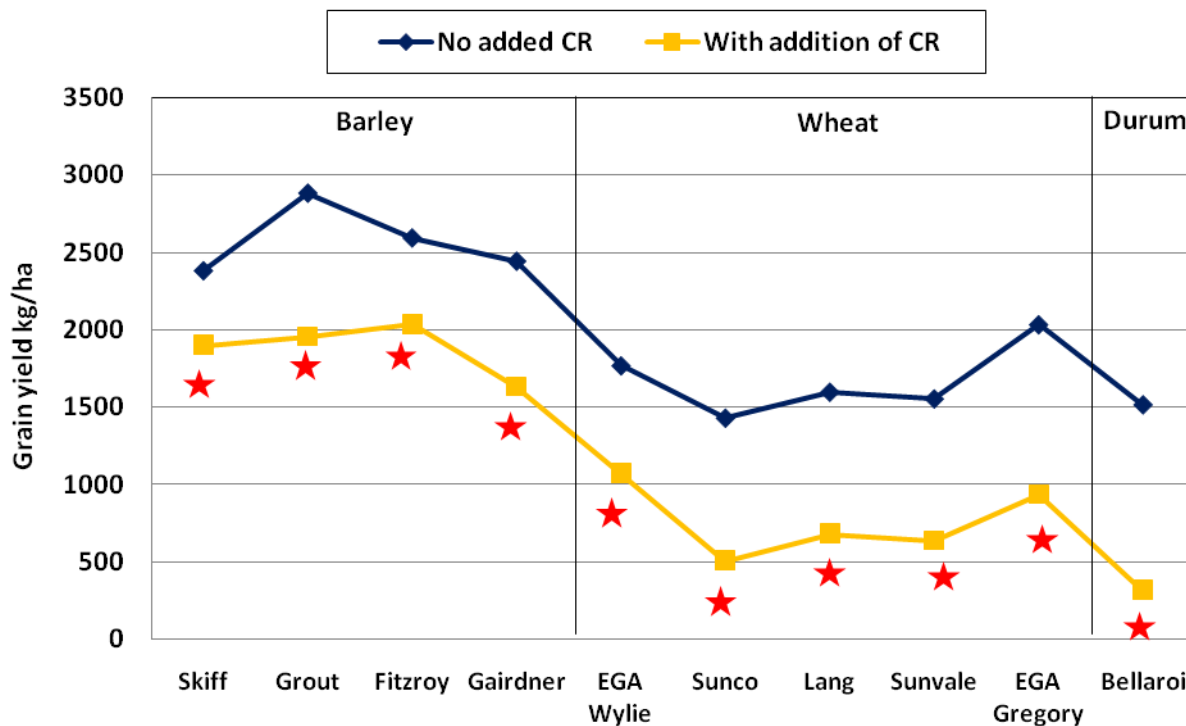


Trial number: NGA0705
Site: 'Denham' Cryon
Co-operator: Sandy Stump

Planting date: 15/05/2007
 Harvest date: 6/11/2007
 PreDicta B crown rot result: 0 pg DNA/ g soil (Below detection limit)
 In-crop rainfall: 94 mm

Impact on yield from addition of crown rot (CR)

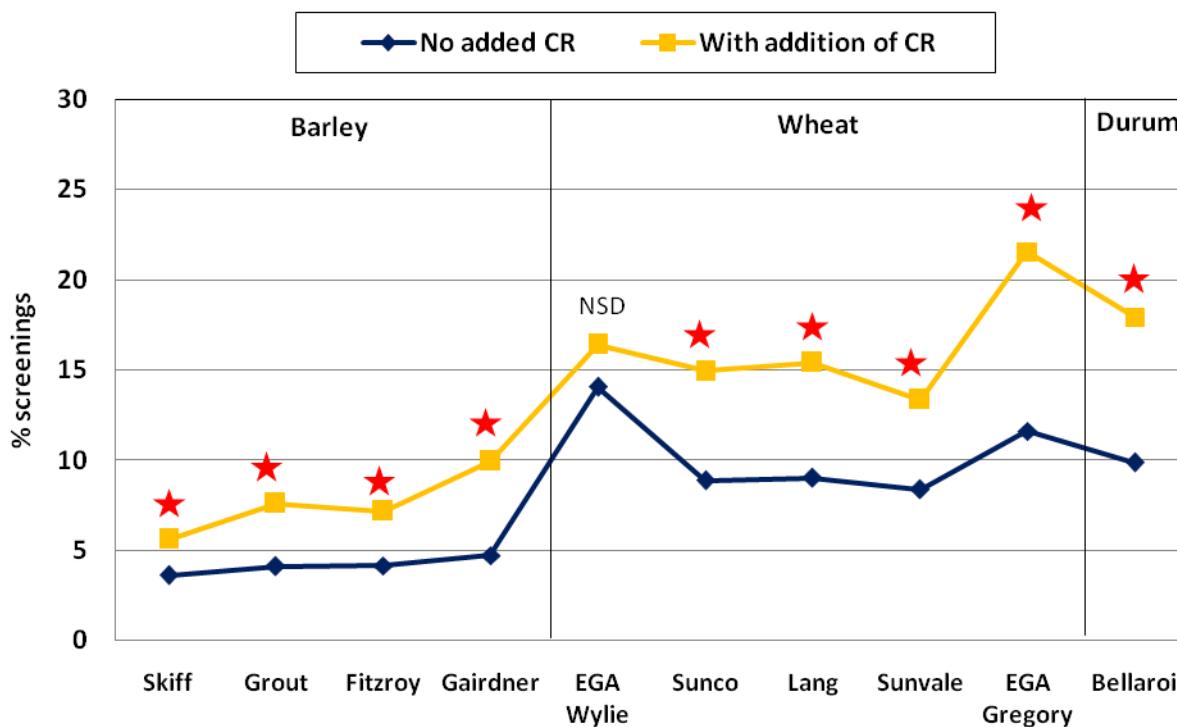


★ = significant **reduction** in variety yield with addition of crown rot
 NSD = no significant difference in variety yield with addition of crown rot
 CV=14%, LSD (5%) = 304 kg/ha

With the addition of crown rot:

- Barley recorded an average 27% yield reduction (~690 kg/ha)
- Bread wheat recorded an average 54% yield reduction (~910 kg/ha)
- Bellaroi recorded a 79% yield reduction (~1200 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 an average 3% increase in screenings
- Bread wheat recorded an average 6% increase in screenings
- Bellaroi recorded an 8% increase in screenings

Key messages

Trial planted on marginal soil moisture with no rainfall during July and August. Timely rainfall in September and October assisted grain fill.

- Moderate to high crown rot yield loss situation
- Average barley yields ~2500 kg/ha with bread wheat yield ~1700 kg/ha
- Barley had lower levels of absolute yield loss than bread wheat
- EGA Wylie recorded less screenings impact
- Site with highest level of impact from crown rot on barley quality