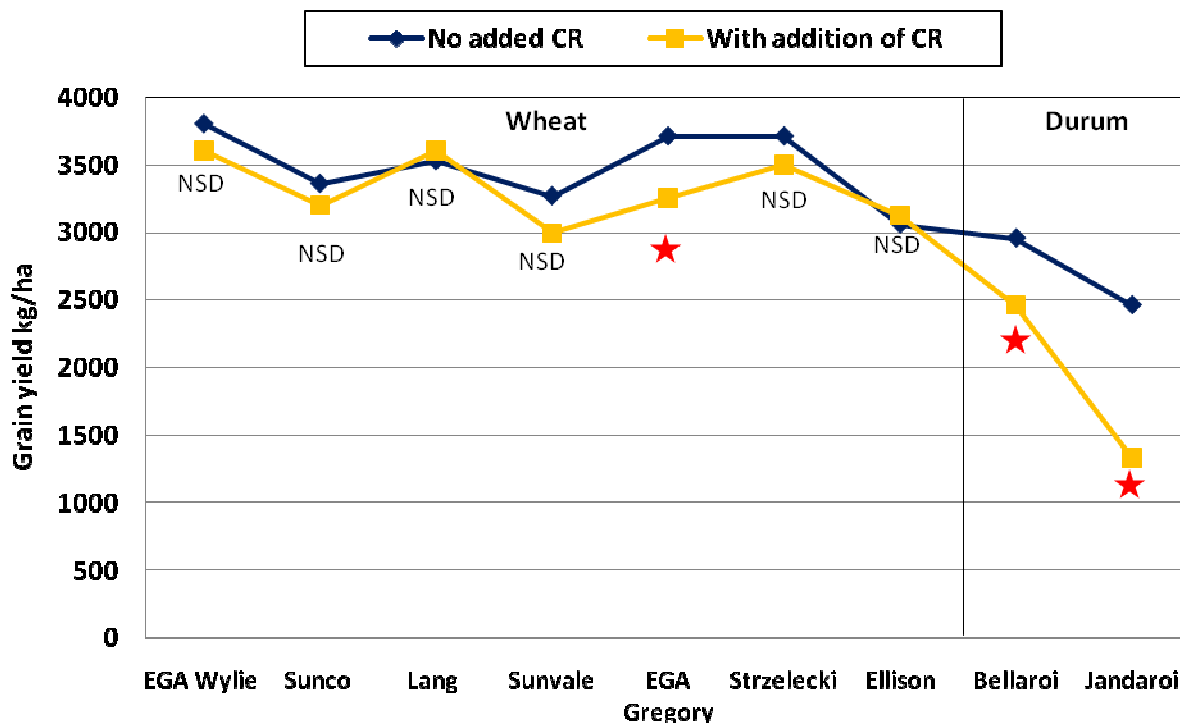


**Trial number:** NGA0803  
**Site:** 'Bungunyah' Bullarah  
**Co-operator:** Rob Onus

**Planting date:** 9/06/2008  
**Harvest date:** 13/11/2008  
**PreDicta B crown rot result:** 0 pg DNA/ g soil (Below detection limit)  
**In-crop rainfall:** 226 mm

## Impact on yield from addition of crown rot (CR)

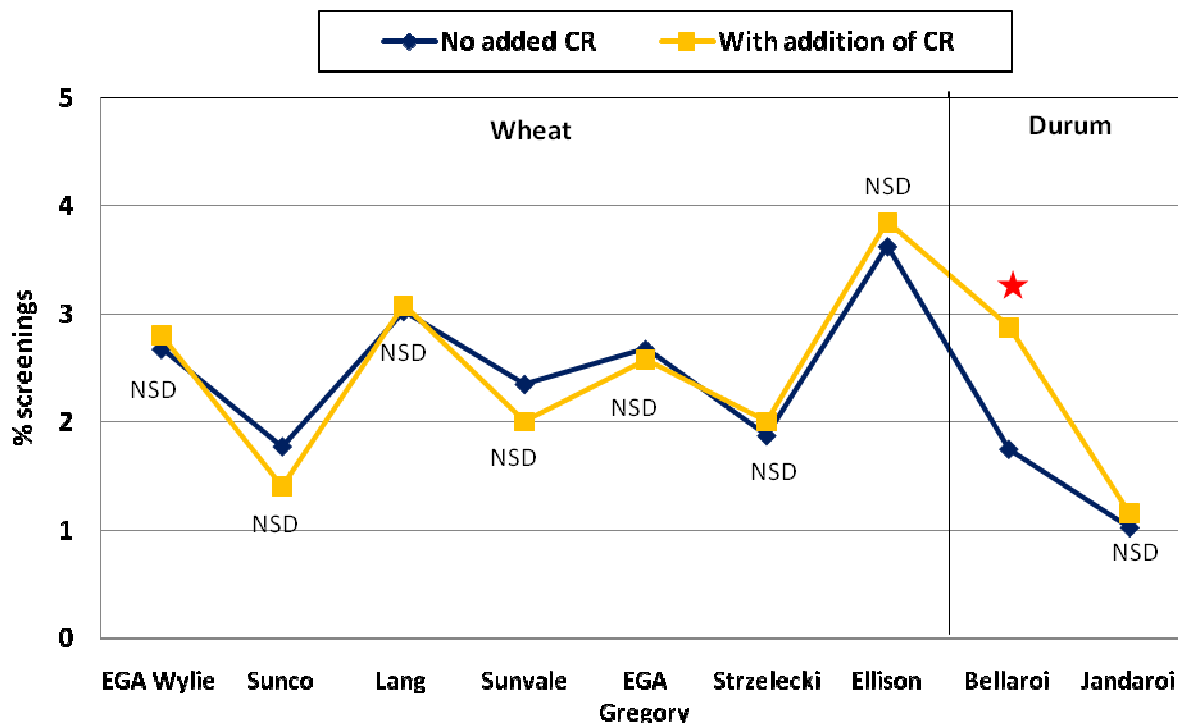


★ = significant **reduction** in variety yield with addition of crown rot  
 NSD = no significant difference in variety yield with addition of crown rot  
 CV=7%, LSD (5%) = 324 (NB No barley yields as plots destroyed by emus)

With the addition of crown rot:

- Wheat recorded an average 5% yield reduction (~160 kg/ha)
  - Durum recorded an average 31% yield reduction (~810 kg/ha)
- (NB Barley not harvested due to emu damage)

### 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:

- Bread wheat recorded on average no change in screenings
- Durum wheat recorded an average 1% increase in screenings

### Key messages

Trial planted into good moisture with timely rainfall in both September and October resulting in high yield levels.

- Low crown rot yield loss situation
- Average bread wheat yield ~3500 kg/ha
- No consistent crown rot yield loss in bread wheat although significant losses in both durum varieties
- Very low impact from addition of crown rot on grain quality in either bread or durum wheat
- Emus showed distinct grazing preference for barley