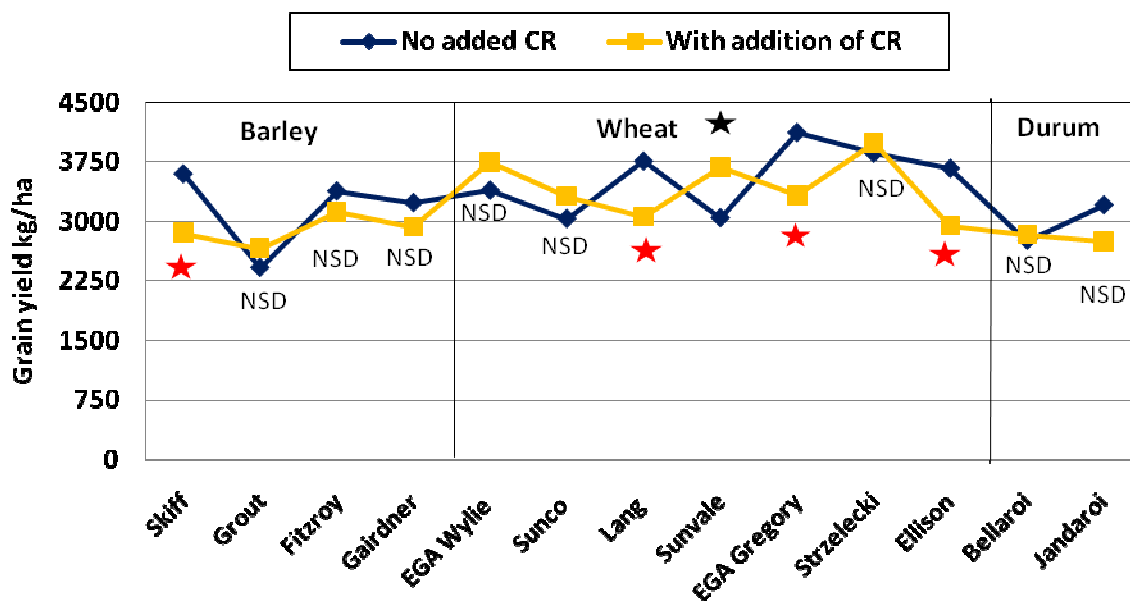


### Individual trial results 2008

Trial number: NGA0801  
 Site: 'Wondalli' Goondiwindi  
 Co-operator: Paul McNulty

Planting date: 16/06/2008  
 Harvest date: 17/11/2008  
 PreDicta B crown rot result: 2 pg DNA/ g soil (Low level)  
 In-crop rainfall: 121 mm

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

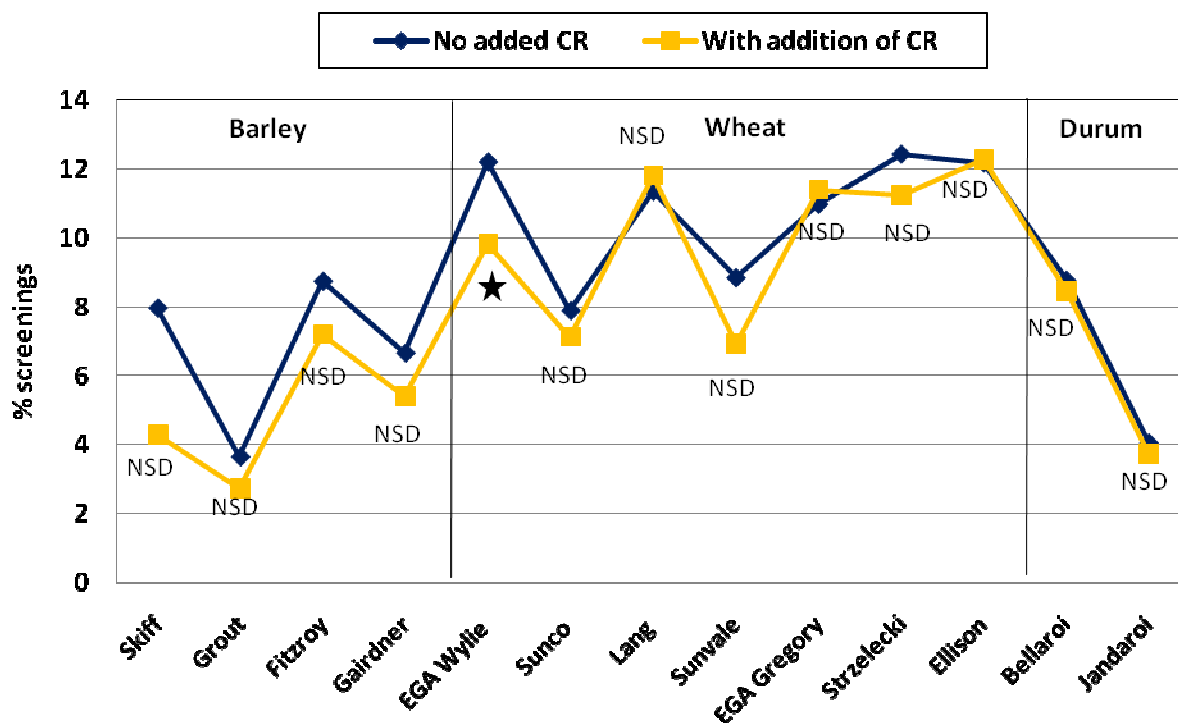


★ = significant **reduction** in variety yield with addition of crown rot  
 ★ = significant **increase** in variety yield with addition of crown rot  
 NSD = no significant difference in variety yield with addition of crown rot  
 CV=13%, LSD (5%) = 578-759

With the addition of crown rot:

- Barley recorded an average 7% yield reduction (~270 kg/ha)
- Wheat recorded an average 2% yield reduction (~110 kg/ha)
- Durum recorded an average 6% yield reduction (~190 kg/ha)

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



★ = significant **increase** in variety screenings with addition of crown rot  
 ★ = significant **decrease** 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 2% **decrease** in screenings
- Bread wheat recorded an average 1% **decrease** in screenings
- Durum wheat recorded no change in screenings

### Key messages

Trial planted late but into good soil moisture. Increased yield variability due to minor 'melon hole' effects across trial site. Crop experienced very cold, dry conditions during August but timely rain in early September.

- Very low crown rot yield loss situation
- Average barley yields ~3100 kg/ha with bread wheat yield ~3500 kg/ha
- Little consistent yield impact from crown rot on any variety or crop
- No negative impact on screenings recorded in any crop