

**PROJECT CRC00004:** Improving spray fallow techniques for better moisture conservation, better winter and summer weed control and more profitable grain crops

**BIO:** Grant Thompson – Consulting and Research Agronomist based in Geraldton. Work history includes crop nutrition research at CSBP, Fee for service agronomist at IAMA, is principal of Crop Circle Consulting. Works as a contractor Agronomist for Landmark Geraldton and conducts farming systems research for the GRDC in the Northern Ag Region of WA.

**TRIAL PROGRESS:** The trial is 2/3rds of the way to completion. The trial has one more season to run.

**EXTENSION ACTIVITY:** Over 80 people attended a field walk at the Mullewa Research site, and 30 people attended a field walk at the Mingenew site. Will be presenting to the Perth GRDC crop updates and the MINGENEW crop updates.

**KEY POINTS:**

- Some herbicide options provided robust and lengthy winter and summer weed control.
- Winter Fallow proved more profitable than crop on crop in 2 of the 3 sites. These sites had a dry 2015.
- A large range of winter and summer weed species can be controlled with some of the treatments used and provide real opportunities for growers.

**FURTHER WORK REQUIRED:** One more year to test the persistence of the herbicide treatments to sensitive crop types.



