

PERENJORI

TRIAL RESULTS 2010



TOPIC: FALLOW

Group: *Perenjori*
2010

ABSTRACT

In 2009 the first year of the fallow trial was set up to determine if the use of a fallow cropping system was better and more profitable than a continuous wheat cropping system in the North East Agricultural Region (NEAR). These trials were set up in various locations. In 2009 a trial in Perenjori was set up with three fallow systems and a continuous wheat cropping system. The initial wheat crop on the continuous wheat plots had an average yield of 1.46T/ha. In 2010 all plots were sown to wheat with the expectation of the fallow treatments out yielding the continuous wheat treatment.

Whilst no actual harvest data was taken the farmer did observe that grain size was larger and that both the mechanical fallow and spring fallow treatments were approximately 20 – 3% higher yielding. .

TRIAL DETAILS

Property	Laurie Butler, Fitzroy Downs, North East Perenjori.
Soil type	Red Loam
Crop & Variety	Wheat, Wyalkatchem
Treatments:	1) Continuous Wheat 2) Spring Spray Fallow 2009 – 15/9/2009 3) Mechanical Fallow 2009 – 10/9/2009
Replicates:	3 replicates
Sowing date	31/5/2010
Seeding rate	60kg/ha
Fertiliser (kg/ha)	60kg/ha MAP Plus drilled at seeding, 10L/h Flexi – N applied on the 23 rd August
Growing Season Rainfall	May to October 145 mm

RESULTS

Results from 2010 were observations only. Below is a summary of what the grower observed

The yield of the trial was not collected by the weigh trailer, but I felt the wheat on the fallow trial was at least 20-30% higher yielding than the wheat on wheat.

The wheat on the fallow trial was higher in stature, looked a lot healthier and larger grain size.

Looking overall at yield wheat on wheat would have been 0.9 to 1 t/ha and the fallow would have been approx. 1.2 to 1.3 t/ha.

TECHNICAL SUPPORT

Simon Teakle – Full Flag Agronomics

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