

## Moisture Manager Tillage and Seeding System

### Moisture Manager outperforms...

**56% yield increase and 157% increased profitability.**

This case study compares the 14 m wide Moisture Manager with hydraulically operated double press wheel assembly, to the competitor bar with 350 Lbs tynes and plastic press wheels.

The fields planted lie adjacent to each other and planting took place on each field within 12 hours.

The initial photographs were taken on 5th June, 32 days after planting. These photographs are contained in the first chapter of this case study.

The photographs that follow were taken on 28th August and compares the progress of each field, planted using the two different bars.

The final photograph was taken at harvest, providing comparative yield increase of 56% and a profitability improvement of 157%.

## CASE STUDY

### *Background:*

Ian and Trevor Shadbolt farm 11 500 acres close to Mukinbudin in Western Australia. They spent 5 years researching planters before deciding to invest in a 14m wide Moisture Manager bar. The success of their investment over the past two years have lead them to record the comparative performance of other planters during their third planting season.



## The Test Location



Photo: 5th June 2015



Field planted by competitor bar



Field planted by Moisture Manager Bar



Let's take a closer look  
on 28th August!



Note: The trees in the background stand as reference to the fields being compared.

Optimum seed placement results in increased germination and emergence, setting the farmer up for increased yields. This is what the Moisture Manager planter does exceptionally well. Farmers that use the Moisture Manager are achieving greater yields and making more money on a comparative basis.

## Harvest 15th December 2015

### COMPARATIVE YIELD:

Moisture Manager planted field above yielded 2.21 t/ha while the field planted by competitor bar yielded 1.41 t/ha.

### COMPARATIVE PROFITABILITY:

Given 2015 wheat prices, and assuming a common break even on each field, the field planted by the Moisture Manager delivered over 157% greater profitability.

