

## Moisture Manager Tillage and Seeding System

### Moisture Manager: Moisture is the key..... mid-season results

This case study compares the moisture at seed bed between a standard knife point and the inverted T-Boot supplied with the Moisture Manager Bar.

6 each of the knife point and inverted T-Boot were run alongside each other during the planting of a 16 Ha trial plot. The seed beds measured, lie 30 cm apart and wheat was planted during the same run at a depth of 4.5cm.

Moisture meters were inserted into the seed bed of each tyne 90 minutes after seeding took place. These measurements were photographed on 7th May 2015.

The photographs below indicate the comparative moisture at seed bed.

### CASE STUDY

#### *Background:*

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



## The Test Location

At Mukinbudin, along the Bonnie Rock / Mukinbudin Road, at the intersection of Manual road. Photographs: 7th May 2015



Row planted by Standard Knife point

Row planted by Inverted T -Boot



**Moisture Measurements:**



The result was that the seed planted by the Inverted T-Boot, achieved 80% emergence 48 hours before the seeds planted by the standard knife point.

### Mid-Season results in the same field:

Photo: 28th August 2015



Rows planted by Moisture Manager Bar with Narrow Hoe:  
Average 10 strong stems plus 4 weak stems per 30cm of row

Rows planted by Moisture Manager Bar with Inverted T-Boot: Average 19 strong stems per 30cm of row

This case study demonstrates that optimum seed placement by the inverted T-Boot results in increased humidity allowing 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.