Dad – Charlie, Brother Rod and Me
Mullewa – Mid West

![Graph showing rainfall and temperature for Mullewa]

- Mullewa
- Mid West
Our family farm

- Farming in the midwest town of Mullewa, located in the north eastern tip of the south west land division
- Currently farming 12,000 arable ha
- Cropping program varies between 10 - 12,000ha per year
- Annual rainfall is 325mm, growing season of 200mm (April-Oct)
- Norm cropping split – **7000 ha Wheat**
  - 2,000 ha Lupins
  - 2,000 ha Canola
  - 1,000 ha Chemical Fallow
Large open Pdks
Tramlines and controlled traffic
2 x 60ft JD Rigs 10” Paired Rows
2 x Booms 36m, 6000L
Booms never stop
- Nurse Truck
Spreader Boom 36m (120ft) - 70 ha/hr
IWM tools

- Use block rotations
- Typical rotation wheat/canola/wheat/wheat/lupin
double knock when possible
- Autumn shallow cultivation
- Crop topping (late season burn down)
- Windrow burning
due to size of the operation, keep it simple
Our harvest Windrower
17 years no change to design
Windrower cont.
• Easily change from windrowing to chaff spreading
• At first only windrowed canola, than moved onto Lupins then onto Wheat.
3.6 t wheat stubble cut very short
Windrowing at harvest video clip
3.2t wheat Stubble Cut Short
Radish germinate in windrow
Harvesting in Damp Conditions
Damp conditions are not good !!
Whole Paddocks Windrowed
Tools of the Trade
Cross wind burning
Cross wind burning
Extreme heat in a big windrow
Windrow Burn Creeping
Fire Confined to Windrow
Proof of a Hot Burn

Canola  Wheat
Windrows Confined
Paddock Never been Windrowed
Paddock been Windrowed 5 times
Extreme Heat in a Big W’row
Mouldboard plow
Mouldboard

- 14 Board Greggoire Besson Plow imported from France, with Shear Pin Brake Out
- Cuts 6.2m @ 18” settings, equates to 5ha/hr
- Requires 550hp tractor, uses 80L/Hr
- Cost is $75/ha Vs Chemical this year was $65/ha
- Burying Resistant Weed seeds
- Allows us to address our Non Wetting Sands,
- Allows us to Address our Soil Acidity at Depth,
- 2 T of Lime applied Pre, 2 ton Post, soil testing to 500mm to fully understand what is going on at depth before we start.
Non wetting sands
Bringing more clay to surface
Now it's chaff carts!!
Now Very little weeds no post em chemical- hand weeding
There are no rules
Conclusion

• As many IWM strategies as you can
• The sooner you try these strategies the easier it is in the long run
• Control weeds at every possible stage in the cropping phase

Thanks for your time and I hope the season is a good one.