

Mallee Sustainable Farming has established a trial which is investigating the ability of a range of seeding systems to maintain a constant depth across the range of soil types experienced in a Mallee paddock. The trial has been implemented by Jack Desbiolles of the University of South Australia and located near Murrayville in a typical Mallee paddock comprising three soil types ranging from a heavy stony soil (swale) to a light sandy soil on the dune. Each plot was sown with a 6 row seeder on 11 inch row spacing and each plot covers whole range of soils at the site (stony through to sandy). Each seeding system is being evaluated in two crops: Wheat (Grenade) and Canola (Pioneer 43C80).

Video footage of each seeding system working was captured during sowing. You can view the footage of each seeding system at the MSF You- Tube page www.youtube.com/msfmildura

More details on each seeding system included in the trial is provided on the back of this flier.

Details

A field day will be held at the trial site on the **15th of July** from **10 am – 12 pm**. A free BBQ lunch will be provided at the site following the field day.

Following lunch, there will be a 'paddock tour' in the Murrayville area to see some of the things local farmers have been trialling such as new machinery and row spacing's and crop types.

When: Tuesday 15th July 2014,
10:00am to 4:00pm

Where: Starting Forsyths Road,
Murrayville (See Map Attached)

To RSVP or for more information
please contact Michael Moodie on
0448 612 892 or michael@msfp.org.au



Site Location

Travel 3 km east of Murrayville. Turn North onto Forsyths Rd at the railway crossing. The site is 6 km on the right. Follow signs



Details of the Seeding Systems included in the trial

System description	System name	Opener	Fertiliser placement	Seed boot	Furrow closing
District technology (Control)	Agmaster RB + narrow PW	16mm knife point (Agmaster)	Agmaster bracket (profile banding)	Adjustable rubber boot	50mm wedge PW
Improved district technology	Agmaster + wide PW	16mm knife point (Agmaster)	Agmaster bracket (profile banding)	Adjustable rubber boot	150mm wedge PW
Alternative chisel tyne technology 1	Agmor + wide PW	16mm PSA knife point (PR87)	Agmaster bracket (profile banding)	Adjustable Polyurethane Agmor UBV3	150mm wedge PW
Alternative chisel tyne technology 2a	RootBoot + wide PW	16mm knife point (RootBoot)	Shallow center banding	Paired row attachment	110mm wedge PW
Alternative chisel tyne technology 2b	Paired row Stealth	30mm Stealth opener	Deep center banding	Paired row attachment	110mm wedge PW
Contour following technology 1	Triple disc system	Yetter 24 wave fluted coulter	Shallow banding coulter option	K-Hart 3612 twin discs	PW 65mm
Contour following technology 2	Seed Hawk	14mm knife 1st opener	Deep banding front opener	Single row 2nd opener	PW 110mm
Hybrid technology: tyne-twin discs	Tyne/disc set-up	16mm PSA knife point (PR87)	PSA profile banding fertiliser boot	K-Hart 3612 twin discs	PW 65mm