



# Invitation

# Deeper roots workshop: capturing water for profit

#### **Workshop for farmers and consultants**

Have you ever dug a hole in your paddock after harvest and found moisture? Heart breaking isn't it! Grain growing is about turning moisture into profit. In our rainfall limited environment it makes sense to use all of the moisture that falls to grow a profitable crop.

Did you know - many Australian farmers are using only half of the available moisture and their profits are suffering.

To use all of the available moisture a crop must have deep roots. Some of the limitations to deep roots include soil compaction, sub-soil acidity and toxic sub-soil. Farm machinery gets bigger and heavier each year and it is compacting the soil deeper (500mm plus) than conventional deep ripping can reach. The only practical way to avoid this deep compaction is to practice controlled traffic farming (CTF). A CTF system need not be a 100% fully matched system. A compromised system using existing machinery is a good beginning.

Where do I start? We recommend growers "fix the top (e.g. non-wetting), line things up (CTF), then fix the bottom (e.g. deep rip, lime)".

Bindi Isbister from DAFWA, Geraldton who has extensive experience working with farmers to implement a CTF system will join Wayne Parker, DAFWA to guide you through the process of developing a CTF system for your farm with short, medium and long term goals. Now is the best time to make a start.

### Date, time and meeting place:

28 June 2016 8:30am – 1:00pm Dalwallinu Discovery Centre

### Type of activity: Technical workshop

Bring along your operating widths and tracks of your machinery to develop your own CTF investment plan

To RSVP please contact the Liebe Group (08) 9661 0570 <a href="mailto:admin@liebegroup.org.au">admin@liebegroup.org.au</a> Bindi Isbister +61 (0)8 9956 8555 <a href="mailto:E





