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CTF UP-2-DATE newsletter

Summer '07 / '08 highlights

- Blue's off to the USA
- CTF Systems averts major soil loss on the Darling Downs
- CTF desperately needed on cane and horticultural farms.
- CTF Solutions purchases its own 2cm RTK GPS

What's happening in the next couple of months?

- Moree CFI NLP project
- Vic DPI NLP project
- Burnett Mary project
- Tasmanian CTF project
- Condamine Alliance topo mapping
- Condamine Alliance 2 new projects underway
- Visits to clients Central Queensland and Victoria

Blue's off to the USA

Blue, who has been with us for 2 years, has decided to call it quits and is heading for the USA to work on farms. Blue has contributed greatly to the business, and had a great rapport with farmers.

We are looking for a replacement for Blue. If you know of anyone interested in working in a cutting edge consultancy group, then please call or email Don: Don@ctfsolutions.com.au or 0427113127.

CTF system averts major soil loss on the Darling Downs

During this summer, many of our Northern clients received significant rainfall, some even losing their whole summer crop to flooding.

Our project work on 16 farms near Clifton on the Darling Downs has shown that an up-and-down slope CTF system can considerably reduce soil erosion in these extreme events. CTF Solutions client John Gilmour received 11 inches (275mm) in a week, with 65mm of that falling in 45minutes at the end.

Erosion across the district was enormous, with the exception

of John's place. CTF Solutions chartered a plane to view the damage from the air.

The photo below shows the neighbours erosion from the ground.....



And from the air.....



John had just implemented a 'herringbone' down slope layout just before the big rain.

He also had 30% stubble cover and a sorghum crop planted – the SYSTEM was working.

The photos below show John's place, and just about non-existent erosion, from the ground on slopes around 6%.....



And from the air.....



“The only other time I have seen as much water run through here [his farm] was 50 years ago” John said. “I was skeptical at first about up and down slope CTF layouts, but now I’m convinced it is the right way to go.”

CTF Solutions has now mapped and changed farm layouts on nearly 4500ha of farming lands in the Clifton/Allora region as part of a Condamine Alliance project with the Clifton/Allora TOPCROP group. Contact Tim for more information: Tim@ctfsolutions.com.au or 0428157208.

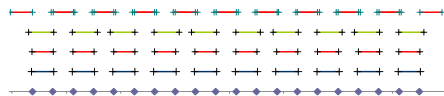
CTF desperately needed on cane and horticultural farms.

Our project with the Burnett Mary Regional Group of Bundaberg in Central Queensland has highlighted the need for CTF systems in these industries.

The project, funded by NLP has found that machinery

poses significant challenges to adoption of no-till CTF systems where there is mixed industries.

Our TrackmanROW computer analysis shows that 100%+ of the soil is compacted by heavy machinery wheels in some horticultural industries (see image below). The grey dots represent the crop rows and the lines represent the placement of each machines’ wheels.



This photo shows the impact of wet harvester traffic on a cane field in the Bundaberg area.



The project is currently collecting high resolution satellite imagery over the 6 farms as well as topography mapping using RTK GPS.

We are also involved have a project in the Tassie veggie industry.

CTF Solutions purchases a NEW Leica RTK GPS system

CTF Solutions has just purchased its own 2cm RTK GPS from Leica Geosystems. Combined with Titan ruggedised tablet PC and Farmworks software, it will be used to do our topography mapping in the future.

If you need to contact a member of the team directly please see details below. Our website is regularly updated

www.ctfsolutions.com.au

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OOOPS!! Do not put bucket down whist traveling at speed! Thanks to Tim Chamen of CTF Europe for this one.

