

TABLE OF CONTENTS

CTF Farmer, My Experiences, Grains <i>Peter Walsh</i>	1
Back to Basics - CTF in Central West NSW <i>Peter Yelland</i>	2
No Till and CTF in Africa <i>Mick Dennis</i>	7
Starting with the Harvester: What are the Benefits and Costs? <i>Tim Neale</i>	8
CTF – What’s the Big Deal? <i>Rob McCreath</i>	13
First Steps in CTF for Vegetables in Tasmania <i>John McKenna</i>	14
CTF Sugarcane – Implementing Innovation <i>Gerry Deguara</i>	16
CTF Farmer, My Experiences, Grains <i>Ian Carter</i>	18
Soils in a Carbon Accounting System <i>Jeff Baldock</i>	19
Inter Row Sowing - Part of a CTF System <i>David Gooden</i>	27 27
Using Precision Ag Technology to conduct Real World, Field Scale Trials to Unearth Yield Limitations <i>James Hassall</i>	29
Contract Harvesting and Controlled Traffic Expenses and Costs <i>Peter Bradley</i>	32 32
Professional Contract Harvesting and CTF for the Australian Grains Industry – Where to from here? <i>Rod Gribble</i>	34
Sugar Cooperatives – Harvest, GPS, Bio-fuels <i>Mark North</i>	36
Warakirri- A Corporate Agriculture Perspective <i>Peter McCann</i>	37
Cereal Farming Systems in Kenya <i>Jonti Barclay and Bryn Llewellyn</i>	39
Matching New Pulse Varieties to New Systems <i>Jason Brand, Larn McMurray and Michael Materne</i>	40
Optimising Cropping Technology <i>Clay Mitchell</i>	48
Crop Sensors and High Yielding Cereal Crops – A Tool for Better Nitrogen Management? <i>Nick Poole</i>	49
CTF/No Till Farming 2008 – What Have we Learned and Where to from Here? <i>Robert Ruwoldt</i>	50
Future Directions for GPS Technology <i>Brendan Williams</i>	52
Getting the Most from Guidance <i>Breil Jackson</i>	55

European Network GPS and future directions <i>Hans H. Pedersen¹ and Don Yule²</i>	57
Economic and Environmental Analysis of Converting to Controlled Traffic Farming <i>Kim Bowman</i>	61
Precision Agriculture – A Point in Time <i>Randall Wilksch</i>	69
Using Soil Moisture Sensors to Make Better Decisions <i>Brian Thomson</i>	74
Crop Management with Active Sensors <i>Jim Wilson</i>	75
Sugar GPS Coordination Applications and Future Directions <i>John Markley</i>	77
Conservation Farming/Controlled Traffic and Catchment Scale Implications <i>Geoff Minchin</i>	84
CTF Directions <i>Martin Blumenthal</i>	85
CTF and Climate Change <i>Jeff N. Tullberg</i>	86
Controlled Traffic Farming in Europe – Constraints and Opportunities <i>Tim Chamen</i>	91
A Journey into Controlled Traffic Farming - Two Case Studies from Central Western NSW <i>Nathan Border</i>	97
Healthy Soils for Dryland Cropping Regions of Northwestern and Southwestern Victoria <i>Tim Johnston</i>	98
Automated Short Furrow: A System for Precision Irrigation <i>Neil Lecler, &², D.C. Mills² and J.C. Smithers²</i>	99
Raised Bed Cropping in Australia: Yield Stability through Short- and Long-term Soil Health in the Crop Root Zone <i>Renick Peries and Chris Bluett</i>	105
Testing the Economic Viability of Controlled Traffic Cropping <i>Fiona Scott</i>	107