



# Mirrabooka

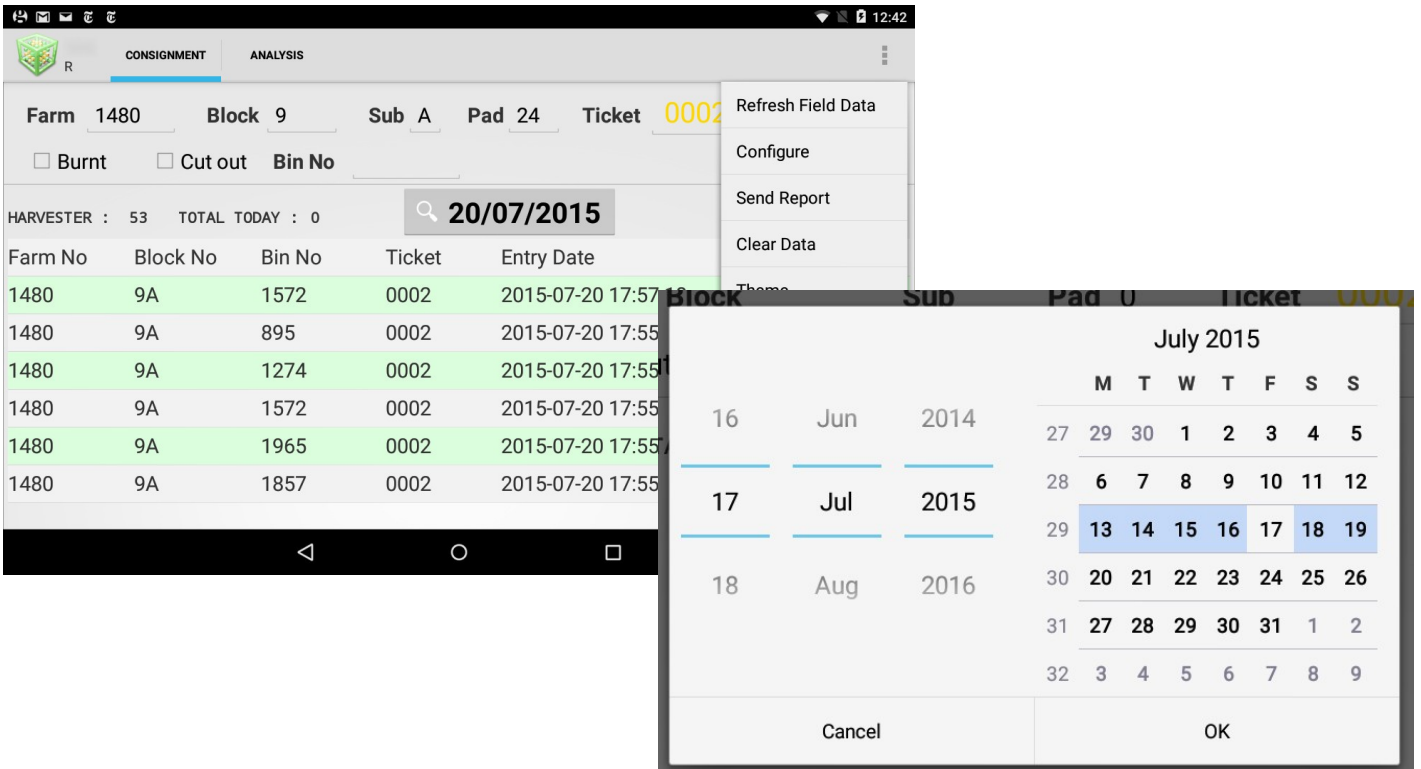
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## TeleCane

TeleCane allows the harvest contractor to enter and send consignment details whilst in the field. The program communicates with the mill's server through a 4G network.

TeleCane also provides feedback enquiries on the device. Harvest contractors and Growers may retrieve analysed cane information from the main server at the mill.



The screenshot shows the TeleCane mobile application interface. At the top, there are tabs for 'CONSIGNMENT' and 'ANALYSIS'. Below the tabs, there are input fields for 'Farm 1480', 'Block 9', 'Sub A', 'Pad 24', and 'Ticket 0002'. There are also checkboxes for 'Burnt' and 'Cut out', and a 'Bin No' field. A search bar contains the date '20/07/2015'. Below these fields is a table with the following data:

Farm No	Block No	Bin No	Ticket	Entry Date
1480	9A	1572	0002	2015-07-20 17:57
1480	9A	895	0002	2015-07-20 17:55
1480	9A	1274	0002	2015-07-20 17:55
1480	9A	1572	0002	2015-07-20 17:55
1480	9A	1965	0002	2015-07-20 17:55
1480	9A	1857	0002	2015-07-20 17:55

Below the table, there is a calendar widget showing the month of July 2015. The calendar has a grid with days of the week (M, T, W, T, F, S, S) and dates from 1 to 31. The date 13 is highlighted in blue. At the bottom of the calendar, there are 'Cancel' and 'OK' buttons.

# Consignment Entry

The consignment entry section allows the harvesting contractor to enter and send full bin information to the mill. All farm fields are validated on entry and only the bin number needs to be entered for subsequent bins from the same block. All the day's transactions are listed below with their transmission status. On send, a success/fail message will be displayed. If out of mobile coverage, any "sent" transactions will be queued and sent once a signal is regained.

Any unsent incorrect entries will be deleted. All previous day's consignments can be queried. Multiple themes are available for differing light conditions

## Analysis Query

The analysis query section gives a view of all cane consigned by the harvesting contract that day as soon as the mill has processed these deliveries. This is a real time view of the analysis results.

Ticket No	Farm No	Deliv No	Bins	Gross Wt	Nett Wt	CCS	Fibre	Ash/Mud	Crush Time
6712	7810	16711	6	0.00	33.45	0.00	17.27	0.00	2013-10-28 13:32:13
0	7810	16700	21	0.00	144.91	0.00	16.46	0.00	2013-10-28 10:40:47
0	5612	16694	6	0.00	38.27	0.00	17.13	0.00	2013-10-28 09:22:27
0	5612	16693	9	0.00	58.90	0.00	16.48	0.00	2013-10-28 09:12:58
0	4230	16691	3	0.00	22.02	0.00	16.16	0.00	2013-10-28 09:02:01
0	4050	16690	6	0.00	38.63	0.00	16.09	0.00	2013-10-28 08:55:58
0	7810	16689	15	0.00	103.04	0.00	16.46	0.00	2013-10-28 08:40:01
0	4230	16675	9	0.00	62.87	0.00	17.66	0.00	2013-10-28 05:56:21
0	5612	16674	1	0.00	7.27	0.00	0.00	0.00	2013-10-28 05:52:00
0	4230	16673	14	0.00	96.79	0.00	17.73	0.00	2013-10-28 05:40:25
0	4230	16672	15	0.00	99.11	0.00	18.01	0.00	2013-10-28 05:25:04
0	4050	16671	6	0.00	46.37	0.00	15.85	0.00	2013-10-28 05:18:36
0	5612	16629	6	0.00	40.37	0.00	17.06	0.00	2013-10-27 21:16:26
0	5612	16627	3	0.00	17.80	0.00	19.64	0.00	2013-10-27 21:08:24
0	5612	16625	9	0.00	59.00	0.00	16.86	0.00	2013-10-27 20:47:47
0	5612	16624	3	0.00	19.57	0.00	16.81	0.00	2013-10-27 20:45:01

## Mill Server

Real time information from the field gives the mill a powerful tool to better manage cane receipts from the field to the cane carrier. Consignment accuracy is greatly improved. Traffic/Tip operators have early warning on stock levels, suspense bins, duplicate bin numbers, etc, and with a clear view to make better informed decisions to rectify these. Duplicate removal and the ability to send the harvest contractor a general purpose message from the TeleView app to facilitate this.

**Consignment Details**

Farm Number: 1480  
 Block Number: 9  
 Sub Block: A  
 Product: G  
 Bin Number: 1274  
 Split Percentage: 0  
 Entry Status: Q  
 Date and Time Entered: 2015-07-20 17:55:43  
 Ticket Number: 0002  
 Loading Pad: 24  
 Cut Out Flag: N  
 Message: QUEUED  
 Location: <http://maps.google.com/?q=-27.4236544,153.0335675>

Delete      Okay

## Additional Feature

Real time consignment details supplied by TeleCane can be used with associated productivity packages running on the mill server, eg Full Yard Management and Siding/Load Pad Stock Levels modules. These modules, in conjunction with the TeleCane, can play a major role in improving and rationalising the mill infrastructure. Consequently, reducing the need for further capital investment.