

Mirrabooka

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to the sugar industry for
more
than 30 years



YardView Rail

The Full Yard Mimic provides a complete overview of the consignment, delivery and processing cycle as the cane deliveries progress from the field to factory. It illustrates each phase of the delivery cycle.

FIELD						FULL YARD												NOTICES			
Ticket No.	Bin No.	Farm	Block	Side	Harvest Time	Full Yard 1 203 60114	Full Yard 2 1168 1163	Line 1 Bins Sus 30 0	Line 2 Bins Sus 10 1	Line 3 Bins Sus 32 2	Line 4 Bins Sus 30 1	Level	Time	Notes							
48 0725	1293	1060	2B	57	Oct 25							Warning	Oct 15, 17:44	Missed tag at tip							
48 0728	1293	1060	3B	57	Wed 05:56							Warning	Oct 15, 16:08	PLC online again							
*****												Warning	Oct 15, 16:08	PLC offline							
48 0725	1293	1060	2B	57	Oct 25																
66 1096	424	8780	10A	103	Wed 05:22																
66 1096	28	8780	10A	103	Wed 05:39																
48 0728	1293	1060	3B	57	Wed 05:56																
66 1096	978	8780	10A	103	Wed 06:13																
66 1096	1440	8780	10A	103	Wed 06:30																
48 0728	553	1060	3B	57	Wed 06:47																
48 0728	137	1060	3B	57	Wed 07:04																
48 0728	1384	1060	3B	57	Wed 07:21																
48 0728	278	1060	3B	57	Wed 07:38																
48 0728	291	1060	3B	57	Wed 07:55																
48 0728	646	1060	3B	57	Wed 08:12																
48 0728	514	1060	3B	57	Wed 08:29																
53 1221	189	1020	5A	42	Wed 08:46																
53 1221	1209	1020	5A	42	Wed 09:03																
53 1221	1276	1020	5A	42	Wed 09:20																
53 1221	1135	1020	5A	42	Wed 09:37																
53 1221	784	1020	5A	42	Wed 09:54																
53 1221	442	1020	5A	42	Wed 10:11																
53 1221	580	1020	5A	42	Wed 10:28																
53 1221	23	1020	5A	42	Wed 10:45																
53 1221	668	1020	5A	42	Wed 11:02																
53 1221	714	1020	5A	42	Wed 11:19																
53 1221	42	1020	5A	42	Wed 11:36																
53 1221	958	1020	5A	42	Wed 11:53																
53 1221	931	1020	5A	42	Wed 12:10																
53 1221	73	1020	5A	42	Wed 12:27																
53 1221	1044	1020	5A	42	Wed 12:44																
53 1221	1473	1020	5A	42	Wed 13:01																
53 1221	86	1020	5A	42	Wed 13:18																
53 1221	358	1020	5A	42	Wed 13:35																
53 1221	485	1020	5A	42	Wed 13:52																
Primary Line: 1 ▼						Secondary Line: 1 ▼						Tippler Status: tipping									
Weigh Mode: auto						Ticket: S30411						F/B: 0 ▼									
Bin: 1043						Var:						Rak: 14450									
Gros: 845						Tare: 0						Sam: 13890									
15th Bin						15th Bin						15th Bin									
60279						1554 566 97 1084 632 1005 829 1159 370						1488 205									
823						60243						149									
60250						Hospital Bin						60250									

Features

- Web-based mimic, runs in any modern web browser
- Vehicles identified by RFID
- Lists all consigned bins
- Multi-line or single-line viewing mode
- Diagnostic warning message

The mimic can be run in two modes. *Operator Mode* is available to users with the appropriate permissions and allows amendments to be made. *Monitor Mode* is available to anyone, and restricts the user to passively viewing the mimic. It runs in any modern web browser, convenient for a wide range of personnel.

Field Details

This lists all of the bins that have been consigned from the field using telemetry The user can highlight a row, view the details and has the facility to remove this entry from the field queue.

Full Yard

The full yard consists of a number of lines that are used for storage.

FULL YARD									
Line 1		Line 2		Line 3		Line 4			
Bins	Sus	Bins	Sus	Bins	Sus	Bins	Sus		
30 (112)	0	10 (97)	1	32 (105)	2	30 (102)	1		
Bin No	Ticket No.	Bin No	Ticket No.	Bin No	Ticket No.	Bin No	Ticket No.		
1192	80098	24	520098	993	170835 ^	22	470722		
737	80098	784	520098	1489	170835	1315	470722		
24	E	Ticket 170271						470722	
926	E							470722	
168	E	8 field bins: 422, 154, 1007, 1442, 714, 765, 839, 1456						470722	
285	E							80094	
1086	E	12 yard bins: 539, 773, 1679, 966, 846, 1588, 569, 1510, 1039, 1806, 1880, 869						80094	
163	E							80094	
73	E							80094	
416	E							80094	
879	E	Ticket 170271						80094	
572	E	Farm 1222						80094	
631	E	Harvester 17						80094	
877	E							80094	
840	E							80094	
324	E	Harvest Date Time Green Burnt Date Time						80094	
708	E	9/11/16 09:45 <input checked="" type="checkbox"/>						80094	
152	E							80094	
46	E	Block 13 A Variety 503 Class 40						80094	
910	E							80094	
868	E							80094	
364	E							80094	
784	E							80094	
1063	E							80094	
424	80098							80094	
56	530442							80094	
1055	530442							80094	
209	530442							80094	
987	530442							80094	
1428	530442							80094	
				841	C	910			
				936	390277	198			
				739	390277	378			
				1834	390277	454			
				53	390277	1153			
				526	390277 v	224			

FIELD						32
Ticket No.	Bin No.	Farm	Block	Side	Harvest Time	
48 0725	1293	1060	2B	57	Oct 25	
48 0728	1293	1060	3B	57	Wed 05:56	
+++++						
48 0725	1293	1060	2B	57	Oct 25	
66 1096	424	8780	10A	103	Wed 05:22	
66 1096	28	8780	10A	103	Wed 05:39	
48 0728	1293	1060	3B	57	Wed 05:56	
66 1096	978	8780	10A	103	Wed 06:13	
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48 0728	137	1060	3B	57	Wed 07:04	
48 0728	1384	1060	3B	57	Wed 07:21	
48 0728	278	1060	3B	57	Wed 07:38	
48 0728	291	1060	3B	57	Wed 07:55	

RFID antennas mounted at the entrance identify the bins and a line selector identifies which line these bins are being transferred onto. Bins are recorded and the system examines the bins in the field queue and attempts to match the bin on the line to the telemetry details. Bins that have been matched have a ticket number associated with it; bins not matching have a zero ticket number and are shown in red (suspense). The ticket details for a particular bin can be viewed and amended.

231 35 0460

805 15 1458

1730 0 0000

1684 Insert bins after Bin 1730

13 Insert bins before Bin 1730

1326 Reassign Bin 1730

1116 Reassign Bin 1730 to Ticket 1514

212 Delete Bin 1730

1813 Add bins to end of Line 4

1542 Clear Line 4

245

Ticket 510049

32 field bins: 1614, 704, 399, 513, 1657, 1250, 320, 730, 1855, 656, 1638, 563, 1629, 1945, 617, 19, 597, 292, 209, 860, 82, 1913, 564, 1768, 388, 34, 196, 1943, 468, 1391, 1403, 1482

20 yard bins: 1677, 258, 600, 1287, 1394, 1013, 192, 1448, 150.

Ticket 510049

Farm 7740

Harvester 51

Harvest Date 29/5/21 Time 06:27 Green ☒ Burnt Date ☐

Block 1 A Variety Class

Save Close

Tip Queue

This displays the bins between merging of the full yard lines onto the tip queue. As the bins move onto the weighbridge tippler, the weights and consignment details are displayed as each bin is crushed and processed.

Primary Line: 2		1766 535779	1961 540199	556 15619	<div>Tippler State: tipping</div> <div>Weigh Mode: Automatic</div> <div>Tick: 535778 F/B: 1480 27A</div> <div>Bin: 866 Var: Q183</div> <div>Gros: 752 Rak: 17625</div> <div>Tare: 0 Sam: 16421</div>								
Secondary Line: 3		1514 535779	1272 540199	1850 15619									
		1008 535779	69 540199	1459 15619									
		931 535779	1821 540199	1263 15619									
		1100 535779	1869 540199	573 15619									
		1014 535779	1697 540199	1552 15619									
		1883 535778	1633 540199	574 15619									
		1136 535778		1845 15619									
		1093 535778		110 15619									
10th Bin		672 600921	672	419	599	1065	49	1267	1949	226	1249	866	944

Notices Window

Should a diagnostic warning message or a more serious error occur, these will be displayed in this window. The serious error is displayed in Red, the diagnostic error in Amber and when the error has returned to normal displayed in Green.

Warning	Oct 15, 17:44	Missed tag at tip
Normal	Oct 15, 16:08	PLC online again
Severe	Oct 15, 16:08	PLC offline