

# Irrigations for full Cotton yield potential ( heavy black clay vertisols)

<b>Solid Row Configuration</b>				<b>No. of Irrigations (1ML infield)<sup>2</sup></b>		
<b>How full is the profile?</b>	<b>PAWC (90cm)</b>	<b>Total Required</b>	<b>Water required mm<sup>1</sup></b>	<b>250mm of incrop rainfall</b>	<b>350mm of incrop rainfall</b>	<b>450mm of incrop rainfall</b>
100%	250	850	600	4	3	2
90%	225	850	625	5	3	2
80%	200	850	650	5	4	2
70%	175	850	675	5	4	3
60%	150	850	700	5	4	3
50%	125	850	725	6	5	3
40%	100	850	750	6	5	4
30%	75	850	775	6	5	4
20%	50	850	800	7	5	4
10%	25	850	825	7	6	5
0%	0	850	850	7	6	5

<b>Single Skip Row Configuration</b>				<b>No. of Irrigations (1ML infield)<sup>2</sup></b>		
<b>How full is the profile?</b>	<b>PAWC (90cm)</b>	<b>Total Required</b>	<b>Water required mm<sup>1</sup></b>	<b>250mm of incrop rainfall</b>	<b>350mm of incrop rainfall</b>	<b>450mm of incrop rainfall</b>
100%	333	850	468	3	2	1
90%	299	850	501	4	2	1
80%	266	850	534	4	3	2
70%	233	850	567	4	3	2
60%	200	850	601	5	4	2
50%	166	850	634	5	4	3
40%	133	850	667	6	4	3
30%	100	850	700	6	5	4
20%	67	850	734	6	5	4
10%	33	850	767	7	6	4
0%	0	850	800	7	6	5

<b>Double Skip Row Configuration</b>				<b>No. of Irrigations (1ML infield)<sup>2</sup></b>		
<b>How full is the profile?</b>	<b>PAWC (90cm)</b>	<b>Total Required</b>	<b>Water required mm<sup>1</sup></b>	<b>250mm of incrop rainfall</b>	<b>350mm of incrop rainfall</b>	<b>450mm of incrop rainfall</b>
100%	475	850	325	2	0	0
90%	428	850	373	2	1	0
80%	380	850	420	3	1	0
70%	333	850	468	3	2	1
60%	285	850	515	4	3	1
50%	238	850	563	4	3	2
40%	190	850	610	5	4	3
30%	143	850	658	5	4	3
20%	95	850	705	6	5	4
10%	48	850	753	7	5	4

\* Please review the full article at [Blackearth.com.au](http://Blackearth.com.au) for assumptions and further info.