



Plot 2	0 tillage
Plot 1	Offset

55 mts to fence

## RESULTS

Precision SoilTech sampled the site for pH in January 2015. The results are presented in Table 1, below.

**Table 1: pH (CaCl<sub>2</sub>) at three different depths**

Treatments	0-10cm	10-20cm	20-30cm
Nil	4.8	4.8	4.8
Offsets	4.9	5.0	4.8
Offset + rip	4.8	4.9	4.8
3T Lime	6.2	5.4	4.9
3T Lime + Offsets	5.7	5.2	4.8
3T Lime + Offset + rip	6.0	5.4	4.8

There was no significant differences in pH between the tillage treatments at any depth. There was a significant difference in 0-10cm and 10-20cm pH between the nil lime and 3 T/ha lime blocks. There were no significant differences in the interactions of lime rate and tillage.

Dennis Martin planted the paddock to Latrobe barley on 26 June 2015. The trial was harvested by DAFWA's Geraldton RSU in November, and the results are presented in Table 2, below.

**Table 2: 2015 Barley yield (T/ha)**

Tillage	Lime rate	
	Nil	3T/ha
Nil	0.9	0.7
Offsets	0.8	0.8
Offset + rip	1.3	1.1
<i>l.s.d. (5%)</i>	<i>0.26</i>	<i>0.26</i>

Interestingly, there was a significant difference at both lime rates between the "Offset + rip" tillage treatment and the other tillage treatments. There was no significant difference between the nil lime and 3 T/ha lime treatments, despite the 0-10cm and 10-20cm pH differences.