

Van Bushby and Phil Moody did these tests on soil samples that were taken from Colin Seis property "Winona" in 2005.

These tests were done only to see if gains in organic carbon were possible with pasture cropping and were never intended as scientific research.

The samples for the pasture cropped samples were taken from a paddock that had been pasture cropped for 3 consecutive years.

The cropped samples were taken from a nearby area (same soil type) that had been traditionally cropped (ploughed and worked) for one year.

Customer ID	Depth (mm)	Total Org C Heanes (%)	Labile-C (mg/g)		C1/C3	C1/TOC
			C1	C3		
Managed Paddock  Pasture cropped	0-50	3.9	1.54	4.40	0.35	0.039
		4.0	1.76	4.15	0.42	0.044
		<b>4.0</b>	<b>1.65</b>	<b>4.28</b>	<b>0.39</b>	<b>0.042</b>
	50-100	3.0	0.96	3.00	0.32	0.032
		3.3	1.09	3.26	0.33	0.033
		<b>3.1</b>	<b>1.03</b>	<b>3.13</b>	<b>0.33</b>	<b>0.033</b>
	100-200	2.1	0.49	1.59	0.31	0.023
			0.56	2.34	0.24	
		<b>2.1</b>	<b>0.53</b>	<b>1.97</b>	<b>0.27</b>	<b>0.025</b>
	Cropped	0-50	2.6	2.20	5.40	0.41
2.4			2.18	6.42	0.34	0.092
<b>2.5</b>			<b>2.19</b>	<b>5.91</b>	<b>0.37</b>	<b>0.089</b>
50-100		1.6	0.89	2.47	0.36	0.057
		1.8	0.93	3.09	0.30	0.052
		<b>1.7</b>	<b>0.91</b>	<b>2.78</b>	<b>0.33</b>	<b>0.054</b>
100-200		1.0	0.28	1.52	0.18	0.028
		1.2	0.33	1.90	0.17	0.027
		<b>1.1</b>	<b>0.31</b>	<b>1.71</b>	<b>0.18</b>	<b>0.027</b>

## SUMMARY

Soil management	Depth (mm)	Total Org C Heanes (%)	Labile-C (mg/g)		C1/C3	C1/TOC	wt water per g dry soil (g/g)
			C1	C3			
PC	0-50	4	1.65	4.28	0.39	0.042	0.1945
PC	50-100	3.1	1.03	3.13	0.33	0.033	0.1076
PC	100-200	2.1	0.53	1.97	0.27	0.025	0.0804
CC	0-50	2.5	2.19	5.91	0.37	0.089	0.1562
CC	50-100	1.7	0.91	2.78	0.33	0.054	0.1323
CC	100-200	1.1	0.31	1.71	0.18	0.027	0.1199



