

Years in which Broadbalk soil was sampled 1843-1944, and chemical properties re-analysed in 2000.

Year	Depth	%N	%SOC	Olsen P	pH	Exchangeable cations \$	CaCO ₃	No. plots
1865	Topsoil	√ *	√ *	√ *	√ *	√ *	√ *	6
	Subsoil	√ *	√ *	√ *		√ *	√ *	6
1881	Topsoil	√ *	√ *	√ *	√ *	√ *	√ *	72
	Subsoil	√ *	√ *	√ *		√ *	√ *	16
1893	Topsoil	√ *	√ *	√ *	√ *	√ *	√ *	52
	Subsoil	√ *	√ *	√ *		√ *	√ *	36
1914	Topsoil	√ *	√ *	√ *	√ *	√ *	√ *	56
	Subsoil	√ *	√ *	√ *		√ *	√ *	40
1936	Topsoil	√ *	√ *	√ *	√ *	√ *	√ *	23
1944	Topsoil	√ *	√ *	√ *	√ *	√ *	√ *	70
	Subsoil	√ *	√ *	√ *	√ *	√ *	√ *	50

√ * **Selected plots and sections.** This table lists the major soil samplings; other samples will have been taken from selected plots and sections in other years, to investigate specific questions.

\$ Exchangeable cations – Ca, K, Mg and Na (no Na in 1881 or 1944)