

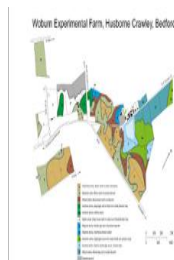
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Woburn Soil Maps and Legends

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Woburn Farm Maps

Chris Watts

Chris Watts (2015) *Woburn Farm Maps* ; Woburn Soil Maps And Legends, pp 1 - 4



**A Plan of
WOBURN EXPERIMENTAL FARM
Scale 1:2500**

72 Butt Close	82 Klin Yard
73 Butt Furlong	83 Great Hill Bottom
76 Lansome Piece	84 Road Piece
77 Mill Dam Close	85 Great Hill
78 Pot Culture Station	86 Honey pot
79 Orchard & Garden	87 Broad Mead
80 House & Buildings	88 Long Mead
81 Stackyard / Feeding Boxes	115 Warren Field
	170 Stackyard Field

SOILS	SURFACE TEXTURE	SOILS	SURFACE TEXTURE				
BROWN EARTHS { On Re-sorted Lower Greensand On Sandy Drift	Sand to Loamy Sand Loamy Sand to Sandy Loam	GLEYS SOILS { On Colluvial Lower Greensand / Oxford Clay On Re-worked Lower Greensand & Oxford Clay On Re-sorted Oxford Clay Sandy Drift / Chalky Jurassic Boulder Clay	<table border="1"> <tr><td>C</td></tr> <tr><td>D</td></tr> <tr><td>E</td></tr> <tr><td>F</td></tr> </table> Loamy Sand to Sandy Loam Loam to Sandy Clay Loam Silty Clay Loam to Clay Loam Loamy sand to Sandy Loam	C	D	E	F
C							
D							
E							
F							
ALLUVIAL COMPLEXES { Heavy Light Undifferentiated & Made Ground	<table border="1"> <tr><td>A</td></tr> <tr><td>B</td></tr> </table> Sand to Loamy Sand Loamy Sand to Sandy Loam <table border="1"> <tr><td>G</td></tr> <tr><td>H</td></tr> <tr><td>J</td></tr> </table> Silty Clay Loam to Clay Loam Loam to Sandy Clay Loam	A	B	G	H	J	
A							
B							
G							
H							
J							

Woburn Experimental Farm Soil Series Revised legend 2017

Sub-group code	Map Legend	Series Name		Broad description	Approximate texture range	Major Soil Group	Soil Group
		Old name	Current name				
5.51	C	Cottenham	Cottenham	Light	sand to loam sand	Brown Soils	Brown Sands
5.47	S	Stackyard	Lowlands	Light	Loamy sand to sand loam	Brown Soils	Brown earths
5.46	F	Flitwick	Flitwick	Light	Loamy sand to sand loam	Brown Soils	Brown earths
7.11	H	Husbourne	Beccles	Heavy	Loam to sandy clay loam	Surface water Gley Soils	Stagnogley soils
7.11	Hs	Husbourne	Beccles	Heavy	Loam to sandy clay loam	Surface water Gley Soils	Stagnogley soils
7.11	P	Pightle	Beccles	Heavy	Loam to sandy clay loam	Surface water Gley Soils	Stagnogley soils
8.11	R	Ridgmont	Enborne	Medium	Loam to sandy clay loam	Ground water Gley soils	Alluvial gley soils
8.11	Ri	Ridgmont	Enborne	Medium	Loam to sandy clay loam	Ground water Gley soils	Alluvial gley soils
5.11	Ro	Rowsham	Bardsey	Heavy	Silty clay loam to clay loam	Brown Soils	Brown calcareous earths
4.11	E	Evesham	Evesham	Heavy	clay to clay loam	Pelisol	Calcareous pelisol
8.11	W	Woburn	Eversley	Heavy	Silty clay loam to clay loam	Ground water Gley soils	Alluvial gley soils

* Avery, B.W. 1980. Soil classification for England & Wales (Higher categories). Soil Survey, Tech Monograph 14.

Prepared by Dr Chris Watts, 2017

Based on original soil series map prepared by Professor John Catt

Soil Sub-group	Series Description	Approximate correlation at soil group level with US and FAO systems *	
		US	FAO
typical brown sands	ferruginous medium or coarse sandy material passing to sand or soft sandstone	Udipsamments	Cambic and Luvisol Arenosols
colluvium brown earth	light loamy non-calcareous colluvium	Dystrochrepts	Dystric and Eutric Cambisols
gleyic ferritic brown earths	ferruginous light loamy drift with siliceous stones	Dystrochrepts	Dystric and Eutric Cambisols
typical stagnogley soils	medium loamy over clayey chalky drift	Haplaqualfs, Albaqualfs,	Gleyic Luvisol
typical stagnogley soils	medium loamy over clayey chalky drift (shallow phase)	Haplaqualfs, Albaqualfs,	Gleyic Luvisol
typical stagnogley soils	medium loamy over clayey chalky drift	Haplaqualfs, Albaqualfs,	Gleyic Luvisol
typical alluvial gley soils	medium loamy river alluvium	Fluvaquents	Fluvisol
typical alluvial gley soils	medium loamy river alluvium	Fluvaquents	Fluvisol
typical brown calcareous earths	medium loamy material over calcareous gravel	Eutrochrepts	Calcic Cambisols
typical calcareous	swelling clayey material passing to clay or soft mudstone	Eutrochrepts, Haplaquepts	Gleyic and Calcic Cambisols
typical alluvial gley soils	light loamy river alluvium	Fluvaquents	Fluvisol