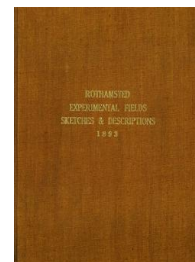


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# Rothamsted Experimental Fields Sketches and Descriptions



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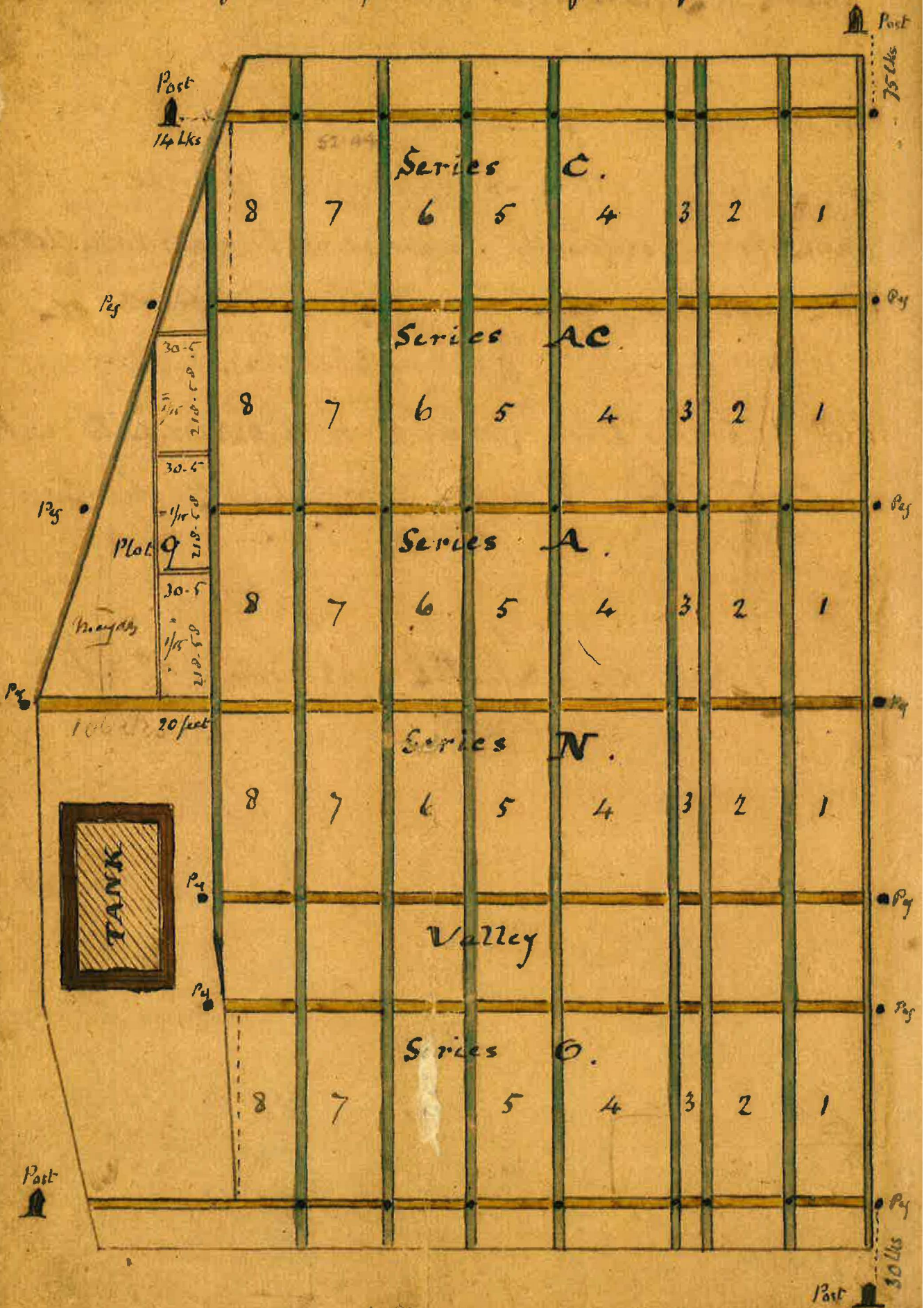
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## Barnfield - Mangold Experiments, 1983

### Rothamsted Research

Rothamsted Research (1893) *Barnfield - Mangold Experiments, 1983* ; Rothamsted Experimental Fields Sketches And Descriptions, pp 15 - 16

# Sketch of Barnfield. Mangold Experiments.



## Barusfield Sketch - Description.

Plan adopted for the Mangold crop of 1893.

Each plot is 278.38 links long. Valley one half  
width

Plots 1, 2, 5, 6, 7 + 8 are 52.44 links wide = 0.14598  
part of an acre. Factor used 6.85 x  
13.11

Plots 3 are 73 links wide = 3649.56 sq. lks. Factor for  
calculating the actual crop results to quantities per acre 27.406

Plots 4 are 72.11 links wide = 20073.98 sq. lks. Factor for  
calculating the actual crop results to quantities per acre 4.9815.

Plot D C is measured out to ~~39~~<sup>39.324</sup> links wide = 10917 sq. lks.  
Factor for calculating the actual crop results to quantities per acre 9.135.

The Pathways coloured green are 6.56 links wide =  
= 4 ft. 2 in.

The Pathways coloured green between Plots 1 and the Baulk  
is one half the above width = 3.28 lks. wide.

The Pathways coloured yellow are 4.62 links wide;  
= 3 feet

These are ploughed up each year. No manure is  
applied to them, although the crop is sown through.

The plants being afterwards taken out.

Plot 9 contains an area of 0.46 of an acre.

The Pegs which are level with the ground are placed down the  
Baulk by the side of Plot 1, and in the middle of the Green pathways  
at the Top of the C series, the Bottom of the B series, & between A C + A series.

The rows of Mangolds are 26 ins apart, except Plot 9 which is 22 ins.