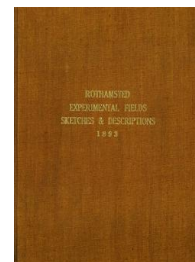


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ROTHAMSTED
RESEARCH

Rothamsted Experimental Fields Sketches and Descriptions



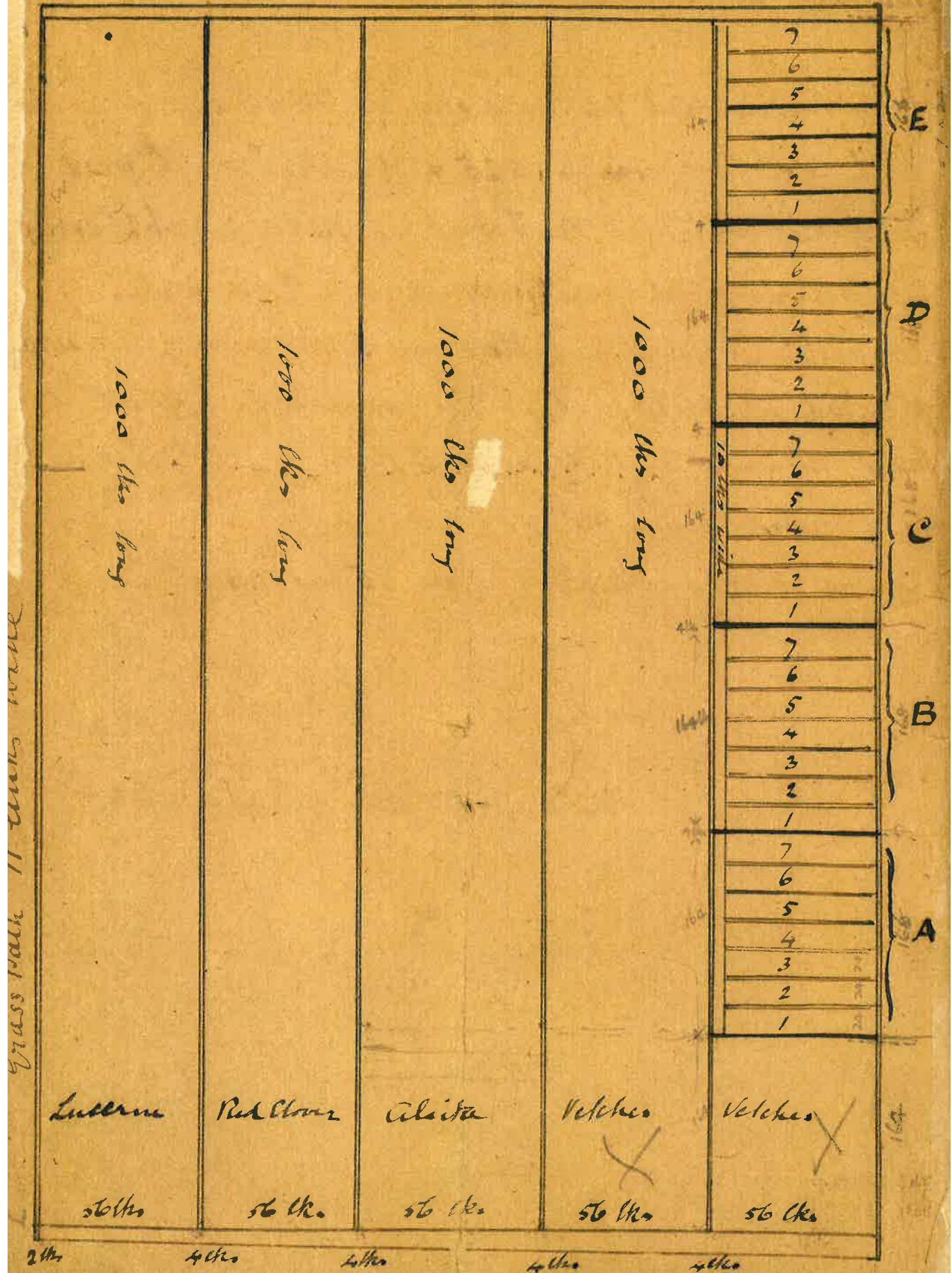
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Hoosfield Leguminous - 1905, 1893

Rothamsted Research

Rothamsted Research (1893) *Hoosfield Leguminous - 1905, 1893* ; Rothamsted Experimental Fields Sketches And Descriptions, pp 11 - 14

Sketch of Hoosfield Exp. Plots, 1905



Hoosfield Luminous Experiments. ⁷

Sketch 1906 and since.

Total area 300 lks wide by 1000 lks long = 3 acres.

Divided into 5 equal divisions, exclusive of paths. $1000 \times 56 = 56000$ sq. lks.

Division paths 4 lks wide

Pathway at end of Small Beds 10 lks wide

Each of the Small beds exclusive of the division paths is $50 \times 20 = 1000$ lks

Cropping of Small Beds

Plots	1	A	E	Lucerne
"	2	"	"	Beans or Peas alternately
"	3	"	"	Botchura clover
"	4	"	"	Sainfoin
"	5	"	"	Alsike clover
"	6	"	"	Red clover
"	7	"	"	Velches.

$$\begin{array}{r} 20 \times 7 = 140 \\ 6 \times 4 = 24 \\ \hline 164 \end{array}$$

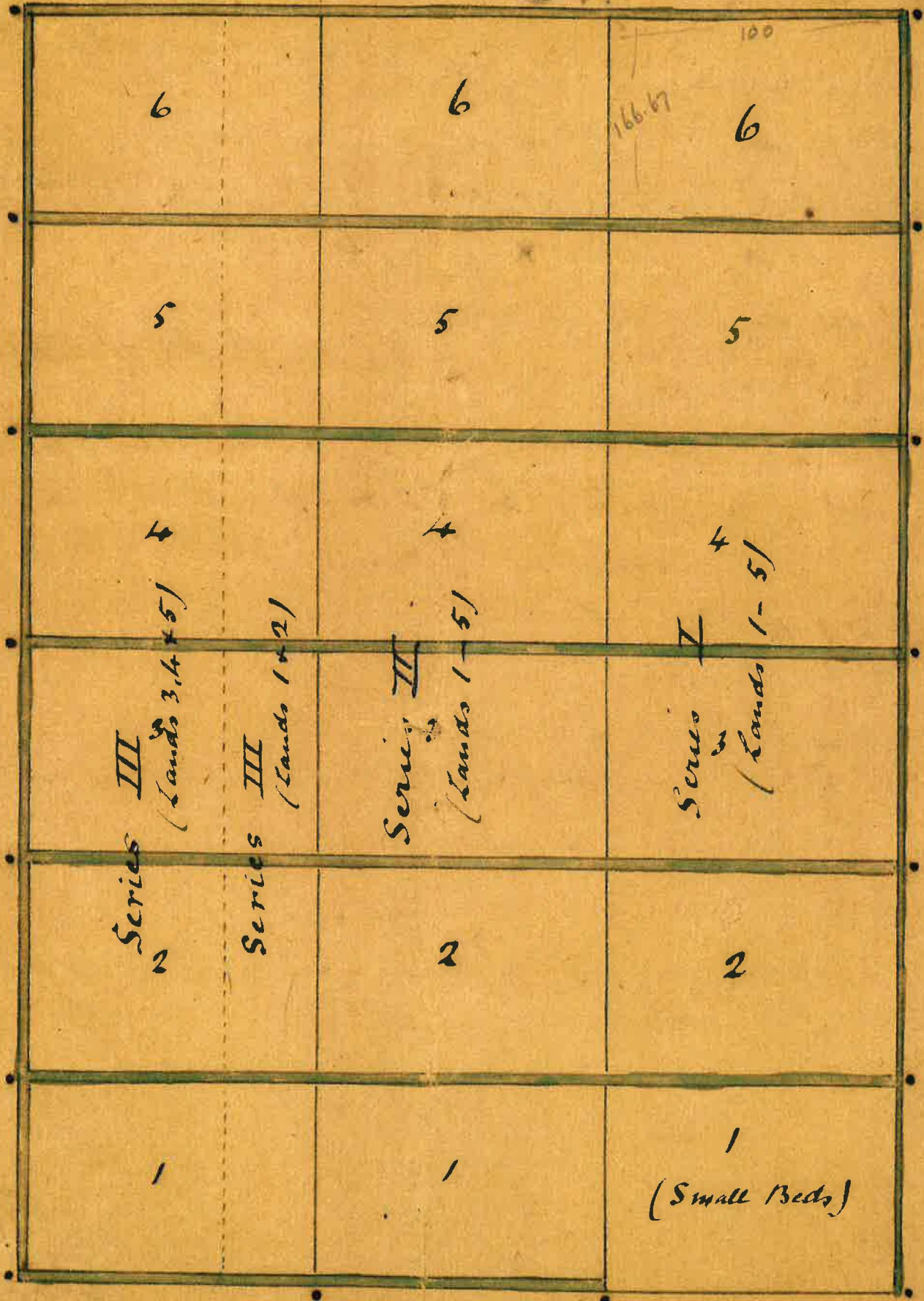
Plot length width of main path 140 lks wide
 164
 6
 984
 86
 1000

$$\begin{array}{r} 56 \times 5 = 280 \\ 18 \\ \hline 309 \end{array}$$

$$\begin{array}{r} 300 \\ 11 \\ \hline 311 \end{array}$$

Hoosfield - Sketch of Leguminous Plant Expts.

X



Sketch of Leguminous Plant 4^{pts} - Description.

Plan adopted for the crop of 1893.

Each plot is 166.67×100 lbs = $\frac{1}{6}$ acre.

Each Series originally consisted of 5 lands each 20 lbs.
(or descriptions of plants)

Each plot is divided into 7 equal divisions of

$12.8\frac{1}{2}$ each with a 3 feet path between each plant.

Plot 1 Series I is devoted to Experiments with
Leguminous Plants in 48 small beds
each 3 yards by 2 yards.

(See New Sketch previous pages)
1906

7/166.67
23.61

56
240

166.67
1000.02