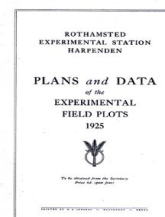


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ROTHAMSTED
RESEARCH

Plans and Data of the Experimental Field Plots - 1925



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Notes on the Diagrams

Rothamsted Research

Rothamsted Research (1925) *Notes on the Diagrams* ; Plans And Data Of The Experimental Field Plots - 1925, pp 4 - 4

Notes on the Diagrams

The following diagrams are intended to assist visitors in locating the experimental plots, and in ascertaining their treatments and average yields. Each plot is numbered as shown on the map. The block diagrams in the maps of the various plots afford a comparison of the relative productiveness, while the figure above each column is the average yield of the plot measured in the units given below.

The fields are taken in the following order :—

AGDELL FIELD.

The yield of swedes is given in tons of roots per acre.
The yield of barley, beans, and wheat in bushels of dressed grain per acre.
The yield of clover hay (1st and 2nd crops together) in cwts. per acre.
All averages are taken over the period 1848-1919.
The manures are applied to the swede crop only.

BARN FIELD.

The yield of mangolds is given in tons of roots per acre.
The average of strip 7 is taken over the years 1903-1921.
" " Plot 9 " " " 1916-1921.
" " the remaining plots is taken over the years 1876-1921.
The manures are applied every year.
The shaded area is not under experiment.

PARK GRASS PLOTS.

The yield of hay (1st crop only) is given in cwts. per acre.
All plots are averaged over the period 1912-1921.
The manures are applied every year unless otherwise stated.
The shaded areas represent the unmanured plots.

BROADBALK FIELD.

The yield of wheat is given in bushels of dressed grain per acre.
For plots 9 and 16 the averages are taken over the 38 years ending 1922.
For plot 19 the average is taken over the 30 years ending 1922.
" " 20 " " " " 15 " " "
For the remainder of the plots the average is taken over the 71 years ending 1922.
The centre pathway which cuts the plots transversely is for convenience of inspection and does not mark any change in treatment.
The manures are applied each year unless otherwise stated.
Plot 17 contains the block representing the yield in the year of the nitrogen application.
Plot 18 contains the block representing the yield in the year of the mineral application.

HOOS FIELD.

The yield of barley is given in bushels of dressed grain per acre.
For series AA the average is taken over the 54 years ending 1922.
For the remaining plots the average is taken over the 70 years ending 1922.
Series AA is divided transversely into two sections, one receiving nitrate of soda (for which the block diagrams indicate the yields), the other receiving 400 lb. per acre of silicate of soda in addition to the nitrate of soda.
The manures are applied each year.

LITTLE HOOS FIELD.

The shaded plots receive no manure.