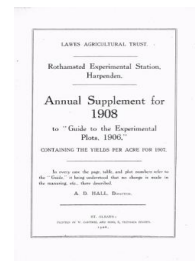


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Inoculation of Leguminous Plants. Hoos Field. Produce of Red Clover (Hay) in 1907

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INOCULATION OF LEGUMINOUS PLANTS.
HOOS FIELD.

(See "Guide" page 40, and plan page 37).

PRODUCE OF RED CLOVER (HAY) IN 1907.

1. EFFECT OF INOCULATING THE SOIL.

Plot.	Soil inoculated with--	Mean of Plots 6, 8, and 10 1st and 2nd Crops.
A ...	Hiltner's Preparation from Munich	Cwt. 66.1
B ...	Moore's Preparation from the United States	57.4
C ...	Soil from a field which had carried Red Clover in 1904	59.0
D ...	Left uninoculated	56.6

2. EFFECT OF PAST MANURING.

Plot.		Mean of Plots, A, B, C, D, 1st and 2nd Crops.
6	Nitrate of Soda 1876-1901, since unmanured ...	Cwt. 58.7
8	Nitrate of Soda and Mixed Minerals 1876-1901, since unmanured	64.5
10	Mixed Minerals only 1876-1901, since unmanured ...	56.2

3. DETAILS OF THE ABOVE.

Plot.	1st Crop.	2nd Crop.	Total.
	Cwt.	Cwt.	Cwt.
6 A	42.0	20.6	62.6
6 B	40.5	18.4	58.9
6 C	40.5	18.1	58.6
6 D	36.0	18.9	54.9
8 A	45.0	27.0	72.0
8 B	39.0	21.5	60.5
8 C	40.5	23.1	63.6
8 D	40.5	21.3	61.8
10 A	37.5	26.1	63.6
10 B	33.0	19.8	52.8
10 C	34.5	20.5	55.0
10 D	33.0	20.3	53.3