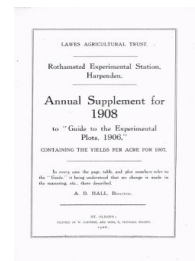


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Inoculation of Leguminous Plants. Hoos Field. Produce of Red Clover (Hay) in 1907

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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 unmanued ... | 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 |