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## Annual Report for 1913 With the Supplements to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



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## Little Hoos Field 1904-12 Residual Value of Various Manures

### Rothamsted Research

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LITTLE HOOS FIELD, 1904-1913.

RESIDUAL VALUE OF VARIOUS MANURES.

(See "Guide," 1913, pages 45-47.)

TOTAL PRODUCE—Grain and Straw, or Roots and Leaves, per acre, 1908 and since.

Series and Plot.	Manuring.	Swedes 1908.	Barley 1909.	Wheat 1910.	Man-golds 1911.	Wheat 1912.*	Swedes 1913.
		Tons.	lb.	lb.	Tons.	Bushels.	Tons.
A 1	Unmanured ... ..	14.0	3792	2270	11.6	19.4	8.6
2	Dung (ordinary), 1904, '8 & '12	<b>19.1</b>	5128	2572	13.9	<b>34.3</b>	8.1
3	" " 1905, '9 & '13	14.5	<b>5544</b>	2681	14.1	26.9	<b>8.3</b>
4	" " 1906 & 1910	15.5	4057	<b>2406</b>	12.5	29.2	1.8
5	" " 1907 & 1911...	17.3	4581	2358	<b>15.8</b>	26.8	6.9
B 1	Dung (cake fed), 1904, '8 & '12	<b>22.4</b>	5362	2386	14.1	<b>35.6</b>	8.6
2	Unmanured ... ..	14.3	3862	2261	12.0	21.8	7.8
3	Dung (cake fed), 1905, '9 & '13	14.2	<b>6641</b>	2921	14.2	29.4	<b>6.6</b>
4	" " 1906 & 1910...	16.9	4400	<b>3502</b>	14.4	26.5	1.5
5	" " 1907 & 1911...	19.0	4298	2369	<b>17.1</b>	31.4	2.8
C 1	Shoddy, 1904, 1908 & 1912 ...	<b>19.7</b>	3969	2295	11.4	<b>28.4</b>	9.4
2	" " 1905, 1909 & 1913 ...	16.3	<b>4558</b>	2387	11.6	26.1	<b>10.7</b>
3	Unmanured ... ..	15.1	3850	2561	11.7	24.2	7.9
4	Shoddy, 1906 & 1910 ... ..	19.1	4466	<b>3461</b>	14.0	30.4	5.6
5	" " 1907 & 1911 ... ..	22.2	5448	2560	<b>14.7</b>	29.8	7.2
D 1	Guano, 1904, 1908 & 1912 ...	<b>20.9</b>	3608	1742	10.5	<b>28.8</b>	7.5
2	" " 1905, 1909 & 1913 ...	15.3	<b>6834</b>	2114	11.5	24.1	<b>10.7</b>
3	" " 1906 & 1910 ... ..	15.9	4053	<b>3392</b>	11.1	22.5	7.4
4	Unmanured ... ..	17.4	4510	2739	11.8	26.9	6.6
5	Guano, 1907 & 1911 ... ..	15.7	4014	2374	<b>14.2</b>	26.3	6.8
E 1	Rape Cake, 1904, 1908 & 1912	<b>19.7</b>	3750	2180	10.7	<b>27.7</b>	8.1
2	" " 1905, 1909 & 1913	15.1	<b>5203</b>	2242	11.7	22.3	<b>5.5</b>
3	" " 1906 & 1910 ... ..	14.5	3866	<b>3486</b>	11.5	22.2	6.7
4	" " 1907 & 1911 ... ..	15.2	4661	2516	<b>14.5</b>	25.1	7.1
5	Unmanured ... ..	14.7	4155	2784	12.7	21.1	7.0
F 1	Unmanured ... ..	14.1	4814	3166	8.7	31.6	6.4
2	Superphosphate, 1904, '8 & '12	<b>16.9</b>	4726	3223	10.9	<b>33.4</b>	8.2
3	" " 1905, '9 & '13	14.6	<b>4973</b>	2922	11.7	31.9	<b>8.6</b>
4	" " 1906 & 1910...	16.0	5280	<b>2682</b>	12.8	34.9	6.2
5	" " 1907 & 1911...	16.4	5641	3190	<b>14.2</b>	35.4	6.4
G 1	Bone Meal, 1904, 1908 & 1912	<b>16.7</b>	4445	3345	9.9	<b>32.8</b>	7.5
2	" " 1905, 1909 & 1913	14.3	<b>4922</b>	3657	9.9	32.7	<b>7.4</b>
3	Unmanured ... ..	12.7	4247	3701	9.2	29.0	3.5
4	Bone Meal, 1906 & 1910 ...	14.2	4711	<b>3263</b>	10.5	31.8	3.9
5	" " 1907 & 1911 ... ..	19.9	5285	3512	<b>12.6</b>	34.4	5.8
H 1	Basic Slag, 1904, 1908 & 1912	<b>13.8</b>	4182	3564	11.5	<b>35.7</b>	6.3
2	" " 1905, 1909 & 1913	13.6	<b>4530</b>	3596	12.0	33.7	<b>6.6</b>
3	" " 1906 & 1910 ... ..	13.6	4431	<b>3943</b>	12.5	29.1	3.4
4	" " 1907 & 1911 ... ..	14.4	3860	3804	<b>12.0</b>	32.5	3.1
5	Unmanured ... ..	11.4	4511	4005	10.5	30.1	2.2

The yields on the plots to which the manure was applied in any given year are printed in heavier type.

\* Dressed Grain only.