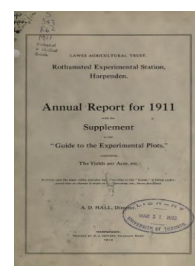


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Annual Report for 1911 With the Supplements to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



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Little Hoos Field 1904-11 Residual Value of Various Manures

Rothamsted Research

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LITTLE HOOS FIELD, 1904-1911.

RESIDUAL VALUE OF VARIOUS MANURES.

(See "Guide," pages 41 and 42.)

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

Series and Plot.	Manuring.	Swedes	Barley	Man-golds	Spring	Swedes	Barley	Wheat	Man-golds
		1904.	1905.	1906.	Wheat	1908.	1909.	1910.	1911.
		Tons.	lbs.	Tons.	lbs.	Tons.	lbs.	lbs.	Tons.
A 1	Unmanured	10·3	2323	17·1	3650	14·0	3792	2270	11·6
2	Dung (ordinary), 1904 and 1908	13·1	4649	18·2	4673	19·1	5128	2572	13·9
3	" " 1905 and 1909	8·8	3501	17·5	5393	14·5	5544	2681	14·1
4	" " 1906 and 1910	8·8	2269	18·2	5471	15·5	4057	2406	12·5
5	" " 1907 and 1911	9·8	2402	14·9	6903	17·3	4581	2358	15·8
B 1	Dung (cake fed), 1904 and 1908	15·7	4177	19·4	4319	22·4	5362	2386	14·1
2	Unmanured	10·0	2417	16·2	4025	14·3	3862	2261	12·0
3	Dung (cake fed), 1905 and 1909	9·5	5530	18·5	5497	14·2	6641	2921	14·2
4	" " 1906 and 1910	11·4	2772	25·6	6489	16·9	4400	3502	14·4
5	" " 1907 and 1911	9·4	2649	14·4	9407	19·0	4298	2369	17·1
C 1	Shoddy, 1904 and 1908 ...	14·7	3656	21·0	4667	19·7	3969	2295	11·4
2	" " 1905 and 1909 ...	11·1	4363	23·6	4550	16·3	4558	2387	11·6
3	Unmanured	10·6	2588	17·7	4334	15·1	3850	2561	11·7
4	Shoddy, 1906 and 1910 ...	10·7	2512	24·2	6231	19·1	4466	3461	14·0
5	" " 1907 and 1911 ...	10·3	2615	16·9	7495	22·2	5448	2560	14·7
D 1	Guano, 1904 and 1908 ...	14·6	2550	20·1	4056	20·9	3608	1742	10·5
2	" " 1905 and 1909 ...	11·0	5176	19·7	4165	15·3	6834	2114	11·5
3	" " 1906 and 1910 ...	10·9	2857	25·6	4846	15·9	4053	3392	11·1
4	Unmanured	10·6	2985	18·7	4618	17·4	4510	2739	11·8
5	Guano, 1907 and 1911 ...	10·6	2680	17·4	7375	15·7	4014	2374	14·2
E 1	Rape Cake, 1904 and 1908 ...	14·1	2674	17·8	3887	19·7	3750	2180	10·7
2	" " 1905 and 1909 ...	11·2	4185	17·9	4326	15·1	5203	2242	11·7
3	" " 1906 and 1910 ...	9·5	2645	22·7	4584	14·5	3866	3486	11·5
4	" " 1907 and 1911 ...	10·5	2734	19·4	6619	15·2	4661	2516	14·5
5	Unmanured	10·8	2769	19·5	4527	14·7	4155	2784	12·7
F 1	Unmanured	11·7	3132	22·9	4749	14·1	4814	3166	8·7
2	Superphosphate, 1904 and 1908	12·2	3025	23·2	5064	16·9	4726	3223	10·9
3	" " 1905 and 1909 ...	10·2	3949	23·6	4956	14·6	4973	2922	11·7
4	" " 1906 and 1910 ...	9·7	3913	24·1	5419	16·0	5280	2682	12·8
5	" " 1907 and 1911 ...	9·7	4221	23·6	5698	16·4	5641	3190	14·2
G 1	Bone Meal, 1904 and 1908 ...	12·9	3176	23·1	5203	16·7	4445	3345	9·9
2	" " 1905 and 1909 ...	10·1	3636	22·1	5821	14·3	4922	3657	9·9
3	Unmanured	10·2	3495	20·6	5491	12·7	4247	3701	9·2
4	Bone Meal, 1906 and 1910 ...	9·9	3450	22·6	6043	14·2	4711	3263	10·5
5	" " 1907 and 1911 ...	9·2	3525	22·1	6276	19·9	5285	3512	12·6
H 1	Basic Slag, 1904 and 1908 ...	11·8	4400	20·5	6285	13·8	4182	3564	11·5
2	" " 1905 and 1909 ...	10·4	4002	21·3	5930	13·6	4530	3596	12·0
3	" " 1906 and 1910 ...	9·4	3662	21·4	5860	13·6	4431	3943	12·5
4	" " 1907 and 1911 ...	9·1	3624	17·0	5816	14·4	3860	3804	12·0
5	Unmanured	8·6	3293	17·4	5933	11·4	4511	4005	10·5

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