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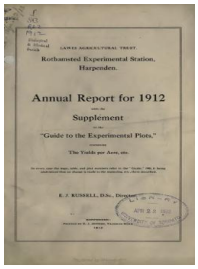
Annual Report for 1912 With the Supplement to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



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Rothamsted Research

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LITTLE HOOS FIELD, 1904-1912.

RESIDUAL VALUE OF VARIOUS MANURES.

(*See "Guide," 1906, pages 41 and 42.*)

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

Series and Plot.	Manuring.	Swedes 1904.	Barley 1905.	Mangolds 1906.	Spring Wheat 1907.	Swedes 1908.	Barley 1909.	Wheat 1910.	Mangolds 1911.	Wheat 1912.*
		Tons.	lb.	Tons.	lb.	Tons.	lb.	lb.	Tons.	Bushels.
A 1	Unmanured	10·3	2323	17·1	3650	14·0	3792	2270	11·6	19·4
2	Dung (ordinary), 1904, '8 & '12	**13·1**	4649	18·2	4673	**19·1**	5128	2572	13·9	**34·3**
3	,, ,, 1905 & 1909	8·8	**3501**	17·5	5393	14·5	**5544**	2681	14·1	26·9
4	,, ,, 1906 & 1910	8·8	2269	**18·2**	5471	15·5	4057	**2406**	12·5	29·2
5	,, ,, 1907 & 1911...	9·8	2402	14·9	**6903**	17·3	4581	2358	**15·8**	26·8
B 1	Dung (cake fed), 1904, '8 & '12	**15·7**	4177	19·4	4319	**22·4**	5362	2386	14·1	**35·6**
2	Unmanured	10·0	2417	16·2	4025	14·3	3862	2261	12·0	21·8
3	Dung (cake fed), 1905 & 1909	9·5	**5530**	18·5	5497	14·2	**6641**	2921	14·2	29·4
4	,, ,, 1906 & 1910...	11·4	2772	**25·6**	6489	16·9	4400	**3502**	14·4	26·5
5	,, ,, 1907 & 1911...	9·4	2649	14·4	**9407**	19·0	4298	2369	**17·1**	31·4
C 1	Shoddy, 1904, 1908 & 1912 ...	**14·7**	3656	21·0	4667	**19·7**	3969	2295	11·4	**28·4**
2	,, 1905 & 1909	11·1	**4363**	23·6	4550	16·3	**4558**	2387	11·6	26·1
3	Unmanured	10·6	2588	17·7	4334	15·1	3850	2561	11·7	24·2
4	Shoddy, 1906 & 1910	10·7	2512	**24·2**	6231	19·1	4466	**3461**	14·0	30·4
5	,, 1907 & 1911	10·3	2615	16·9	**7495**	22·2	5448	2560	**14·7**	29·8
D 1	Guano, 1904, 1908 & 1912 ...	**14·6**	2550	20·1	4056	**20·9**	3608	1742	10·5	**28·8**
2	,, 1905 & 1909	11·0	**5176**	19·7	4165	15·3	**6834**	2114	11·5	24·1
3	,, 1906 & 1910	10·9	2857	**25·6**	4846	15·9	4053	**3392**	11·1	22·5
4	Unmanured	10·6	2985	18·7	4618	17·4	4510	2739	11·8	26·9
5	Guano, 1907 & 1911	10·6	2680	17·4	**7375**	15·7	4014	2374	**14·2**	26·3
E 1	Rape Cake, 1904, 1908 & 1912	**14·1**	2674	17·8	3887	**19·7**	3750	2180	10·7	**27·7**
2	,, 1905 & 1909 ...	11·2	**4185**	17·9	4326	15·1	**5203**	2242	11·7	22·3
3	,, 1906 & 1910 ...	9·5	2645	**22·7**	4584	14·5	3866	**3486**	11·5	22·2
4	,, 1907 & 1911 ...	10·5	2734	19·4	**6619**	15·2	4661	2516	**14·5**	25·1
5	Unmanured	10·8	2769	19·5	4527	14·7	4155	2784	12·7	21·1
F 1	Unmanured	11·7	3132	22·9	4749	14·1	4814	3166	8·7	31·6
2	Superphosphate, 1904, '8 & '12	**12·2**	3025	23·2	5064	**16·9**	4726	3223	10·9	**33·4**
3	,, 1905 & 1909...	10·2	**3949**	23·6	4956	14·6	**4973**	2922	11·7	31·9
4	,, 1906 & 1910...	9·7	3913	**24·1**	5419	16·0	5280	**2682**	12·8	34·9
5	,, 1907 & 1911...	9·7	4221	23·6	**5698**	16·4	5641	3190	**14·2**	35·4
G 1	Bone Meal, 1904, 1908 & 1912	**12·9**	3176	23·1	5203	**16·7**	4445	3345	9·9	**32·8**
2	,, 1905 & 1909 ...	10·1	**3636**	22·1	5821	14·3	**4922**	3657	9·9	32·7
3	Unmanured	10·2	3495	20·6	5491	12·7	4247	3701	9·2	29·0
4	Bone Meal, 1906 & 1910 ...	9·9	3450	**22·6**	6043	14·2	4711	**3263**	10·5	31·8
5	,, 1907 & 1911 ...	9·2	3525	22·1	**6276**	19·9	5285	3512	**12·6**	34·4
H 1	Basic Slag, 1904, 1908 & 1912	**11·8**	4400	20·5	6285	**13·8**	4182	3564	11·5	**35·7**
2	,, 1905 & 1909 ...	10·4	**4002**	21·3	5930	13·6	**4530**	3596	12·0	33·7
3	,, 1906 & 1910 ...	9·4	3662	**21·4**	5860	13·6	4431	**3943**	12·5	29·1
4	,, 1907 & 1911 ...	9·1	3624	17·0	**5816**	14·4	3860	3804	**12·0**	32·5
5	Unmanured	8·6	3293	17·4	5933	11·4	4511	4005	10·5	30·1

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

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