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## Annual Report for 1909 With the Supplement to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



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### Little Hoos Field 1904-09 Residual Value of Various Manures

#### Rothamsted Research

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LITTLE HOOS FIELD, 1904-09.

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
		1904.	1905.	1906.	Wheat	1908.	1909.
		Tons.	lbs.	Tons.	lbs.	Tons.	lbs.
A	1 Unmanured ... ..	10·3	2323	17·1	3650	14·0	3792
	2 Dung (ordinary), 1904 and 1908	<b>13·1</b>	4649	18·2	4673	<b>19·1</b>	5128
	3 " " 1905 and 1909	8·8	<b>3501</b>	17·5	5393	14·5	<b>5544</b>
	4 " " 1906 only ...	8·8	2269	<b>18·2</b>	5471	15·5	4057
	5 " " 1907 ..	9·8	2402	14·9	<b>6903</b>	17·3	4581
B	1 Dung (cake-fed), 1904 and 1908	<b>15·7</b>	4177	19·4	4319	<b>22·4</b>	5362
	2 Unmanured ... ..	10·0	2417	16·2	4025	14·3	3862
	3 Dung (cake-fed), 1905 and 1909	9·5	<b>5530</b>	18·5	5497	14·2	<b>6641</b>
	4 " " 1906 only ...	11·4	2772	<b>25·6</b>	6489	16·9	4400
	5 " " 1907 ..	9·4	2649	14·4	<b>9407</b>	19·0	4298
C	1 Shoddy, 1904 and 1908 ...	<b>14·7</b>	3656	21·0	4667	<b>19·7</b>	3969
	2 " " 1905 and 1909 ...	11·1	<b>4363</b>	23·6	4550	16·3	<b>4558</b>
	3 Unmanured ... ..	10·6	2588	17·7	4334	15·1	3850
	4 Shoddy, 1906 only ... ..	10·7	2512	<b>24·2</b>	6231	19·1	4466
	5 " " 1907 ..	10·3	2615	16·9	<b>7495</b>	22·2	5448
D	1 Guano, 1904 and 1908... ..	<b>14·6</b>	2550	20·1	4056	<b>20·9</b>	3608
	2 " " 1905 and 1909... ..	11·0	<b>5176</b>	19·7	4165	15·3	<b>6834</b>
	3 " " 1906 only ... ..	10·9	2857	<b>25·6</b>	4846	15·9	4053
	4 Unmanured ... ..	10·6	2985	18·7	4618	17·4	4510
	5 Guano, 1907 only ... ..	10·6	2680	17·4	<b>7375</b>	15·7	4014
E	1 Rape-cake, 1904 and 1908 ...	<b>14·1</b>	2674	17·8	3887	<b>19·7</b>	3750
	2 " " 1905 and 1909 ...	11·2	<b>4185</b>	17·9	4326	15·1	<b>5203</b>
	3 " " 1906 only ... ..	9·5	2645	<b>22·7</b>	4584	14·5	3866
	4 " " 1907 ..	10·5	2734	19·4	<b>6619</b>	15·2	4661
	5 Unmanured ... ..	10·8	2769	19·5	4527	14·7	4155
F	1 Unmanured ... ..	11·7	3132	22·9	4749	14·1	4814
	2 Superphosphate, 1904 and 1908	<b>12·2</b>	3025	23·2	5064	<b>16·9</b>	4726
	3 " " 1905 and 1909	10·2	<b>3949</b>	23·6	4956	14·6	<b>4973</b>
	4 " " 1906 only ... ..	9·7	3913	<b>24·1</b>	5419	16·0	5280
	5 " " 1907 ..	9·7	4221	23·6	<b>5698</b>	16·4	5641
G	1 Bone Meal, 1904 and 1908 ...	<b>12·9</b>	3176	23·1	5203	<b>16·7</b>	4445
	2 " " 1905 and 1909 ...	10·1	<b>3636</b>	22·1	5821	14·3	<b>4922</b>
	3 Unmanured ... ..	10·2	3495	20·6	5491	12·7	4247
	4 Bone Meal, 1906 only ... ..	9·9	3450	<b>22·6</b>	6043	14·2	4711
	5 " " 1907 ..	9·2	3525	22·1	<b>6276</b>	19·9	5285
H	1 Basic Slag, 1904 and 1908 ...	<b>11·8</b>	4400	20·5	6285	<b>13·8</b>	4182
	2 " " 1905 and 1909 ...	10·4	<b>4002</b>	21·3	5930	13·6	<b>4530</b>
	3 " " 1906 only ... ..	9·4	3662	<b>21·4</b>	5860	13·6	4431
	4 " " 1907 ..	9·1	3624	17·0	<b>5816</b>	14·4	3860
	5 Unmanured ..	8·6	3293	17·4	5933	11·4	4511

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