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Annual Report for 1914 With the Supplements to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



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Residual Value of Various Manures Little Hoos Field 1914

Rothamsted Research

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RESIDUAL VALUE OF VARIOUS MANURES.

(See "Guide," 1913, pages 45—47.)

Little Hoos Field, 1914.

BARLEY—Produce per acre. Crop cut August 19 and 20; Carted, August 28.

Plot.	Manuring.	Dressed Grain		Straw.	Total Produce.	Proportion of Offal to 100 of Dressed Grain.	Proportion of Grain to Straw as 100.
		Bushels	Wgt. per bushel				
			lb.	cwt.	lb.		
(A) Dung (ordinary)	1 Unmanured	20.4	53.8	11.9	2633	18.6	97.7
	2 <i>a</i>	34.0	54.6	19.0	4202	11.7	97.4
	3 <i>b</i>	42.3	55.3	22.5	5074	9.2	101.0
	4 <i>c</i>	46.0	55.4	24.1	5547	11.4	104.8
	5 <i>d</i>	36.2	55.1	18.8	4359	13.2	107.6
(B) Dung (cake fed)	1 <i>a</i>	29.6	54.6	18.1	3880	14.7	91.7
	2 Unmanured	24.0	54.5	14.0	3097	17.1	98.0
	3 <i>b</i>	42.0	55.1	25.0	5409	12.8	93.2
	4 <i>c</i>	46.2	54.6	24.5	5579	12.1	103.0
	5 <i>d</i>	36.4	55.0	21.0	4572	11.3	94.7
(C) Shoddy ...	1 <i>a</i>	18.1	53.7	11.0	2439	24.0	97.9
	2 <i>b</i>	20.5	54.6	12.4	2769	23.3	99.5
	3 Unmanured	20.7	54.8	12.8	2805	21.4	96.4
	4 <i>c</i>	34.2	55.6	20.6	4516	16.4	96.0
	5 <i>d</i>	24.8	54.7	14.6	3215	16.4	96.0
(D) Guano ...	1 <i>a</i>	15.3	51.6	10.2	2191	33.1	91.5
	2 <i>b</i>	22.1	54.6	12.8	2865	18.5	100.0
	3 <i>c</i>	43.7	55.2	24.4	5592	18.6	104.7
	4 Unmanured	23.9	54.4	14.2	3113	17.4	96.0
	5 <i>d</i>	19.3	55.1	10.8	2513	22.5	107.3
(E) Rape Cake	1 <i>a</i>	17.8	54.7	12.4	2639	28.9	90.6
	2 <i>b</i>	28.9	55.4	18.0	3987	22.9	97.7
	3 <i>c</i>	36.0	55.3	20.0	4726	24.6	110.6
	4 <i>d</i>	22.5	54.4	14.0	3070	22.2	94.8
	5 Unmanured	19.3	53.4	12.1	2609	21.4	92.4
(F) Superphosphate	1 Unmanured	23.3	53.9	17.0	3487	26.1	83.1
	2 <i>a</i>	26.7	54.8	16.4	3602	20.6	95.8
	3 <i>b</i>	31.1	55.1	17.2	3931	17.1	104.1
	4 <i>c</i>	37.3	54.9	20.6	4735	18.4	105.1
	5 <i>d</i>	31.5	54.9	17.8	4093	21.9	105.9
(G) Bone Meal ...	1 <i>a</i>	25.6	54.1	18.6	3803	24.6	82.8
	2 <i>b</i>	25.4	53.9	19.4	3847	22.2	77.1
	3 Unmanured	28.6	53.8	21.7	4289	21.0	76.6
	4 <i>c</i>	32.1	55.3	22.5	4630	18.8	83.6
	5 <i>d</i>	33.2	53.9	22.3	4595	17.3	84.3
(H) Basic Slag ...	1 <i>a</i>	33.4	54.8	21.4	4532	16.6	88.8
	2 <i>b</i>	37.3	54.4	22.4	4862	15.9	93.5
	3 <i>c</i>	38.1	54.7	24.0	5135	17.1	90.7
	4 <i>d</i>	33.1	54.2	21.7	4519	16.5	86.1
	5 Unmanured	30.4	54.0	23.3	4600	21.2	76.1

a received its dressings in 1904, 1908, 1912. *c* received its dressings in 1906, 1910, 1914.
b " " " 1905, 1909, 1913. *d* " " " 1907, 1911, 1915.