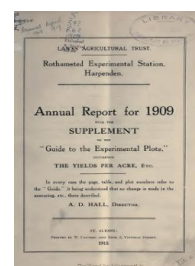


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Annual Report for 1909 With the Supplement to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



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BARLEY. HOOS FIELD, 1909.

(Previous cropping : Potatoes, 1876-1901 ; Barley, 1902 and 1903 ; Oats, 1904 ; Barley, 1905 and since).

(See " Guide," page 40, Table XIX.)

Plot.	Manures applied to the Potatoes, 1876-1901. Unmanured since.	Dressed Grain.		Straw.	Total Produce.
		Yield.	Weight per Bushel.		
		Bushels.	lbs.	Cwt.	lbs.
1	Unmanured	9.7	54.4	8.5	1605
2	Unmanured 1882 to 1901, previously Dung only ...	14.7	53.4	11.2	2160
3	Dung 1883-1901	24.1	53.9	19.5	3680
4	Dung 1883-1901	24.8	53.6	21.0	3861

WHEAT AFTER FALLOW (without manure 1851 and since).
HOOS FIELD, 1909.

See " Guide," page 41, Table 20.

Dressed Grain	{ Yield—12.9 bushels.
	{ Weight per bushel—55.4 lbs.
Straw	13.7 cwt.
Total Produce	2326 lbs.

COMPARATIVE TEST OF NITROGENOUS FERTILISERS.
BARLEY. LITTLE HOOS FIELD, 1909.

Plot.	Manuring.	Dressed Grain.	Offal Grain.	Straw.	Weight per bushel of Dressed Grain.	Proportion of Offal to 100 of Dressed Grain.	Proportion of Grain to 100 of Straw.
		Bushels.	lb.	Cwt.	lb.		
1	Superphosphate alone	27.7	101	22.4	54.0	6.8	63.6
6	Do. do.	29.7	182	24.4	55.3	11.1	66.8
2	Super and Nitrate Soda=50 lb. N.	44.6	277	30.6	50.0	12.4	73.1
7	Do. do. do.	51.6	316	38.7	54.9	11.2	72.6
3	Super and Nitrate Lime=50 lb. N.	45.2	364	42.9	53.5	15.1	57.9
8	Do. do. do.	47.1	321	36.5	55.1	12.4	71.3
4	Super & Sulph. Ammonia=50 lb. N.	49.3	280	26.3	54.4	10.4	100.7
9	Do. do. do.	48.8	270	36.5	54.8	10.1	71.9
5	Super and Cyanamide=50 lb. N. ...	43.9	182	39.9	54.4	7.6	57.5
10	Do. do. do. ...	46.5	300	31.1	54.8	11.8	81.7

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