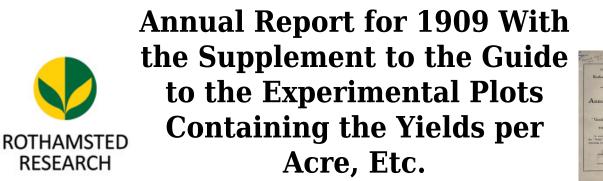
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BARLEY. HOOS FIELD, 1909.

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

	Manures applied	Dresse	d Grain.		Total Produce.	
Plot.	to the Potatoes, 1876-1901. Unmanured since.	Yield.	Weight per Bushel.	Straw."		
		Bushels.	lbs.	Cwt.	lbs.	
1	Unmanured	9.7	$54 \cdot 4$	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	

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

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.

					rain.	Grain.	Straw.	of Dressed Grain.	to 100 of Dressed Grain.	Grain to 100 of Straw.
Superpho Do.	sphate alone do.	•••	••••	2	27.7	lb. 101 182	Cwt. 22·4 24·4	lb. 54·0 55·3	6·8 11·1	63·6 66·8
Super and Do.	l Nitrate Soda <u>-</u> do.	=50 lb. 1 do.	N.			277 316	30·6 38·7	$50.0 \\ 54.9$	$\begin{array}{c} 12{\cdot}4 \\ 11{\cdot}2 \end{array}$	$73 \cdot 1 \\ 72 \cdot 6$
Super and Do.	l Nitrate Lime= do.	=50 lb. do.	N.			364 321	42·9 36·5	$53 \cdot 5 \\ 55 \cdot 1$	$15 \cdot 1 \\ 12 \cdot 4$	$57.9 \\ 71.3$
Super& S Do.	Snlph.Ammonia do.					$\begin{array}{c} 280\\ 270 \end{array}$	26·3 36·5	$54 \cdot 4 \\ 54 \cdot 8$	$10.4 \\ 10.1$	$\begin{array}{c} 100 \cdot 7 \\ 71 \cdot 9 \end{array}$
Super and Do.	d Cyanamide! do.	50 lb. N do.				182 300	$39 \cdot 9 \\ 31 \cdot 1$	54•4 54•8	7·6 11·8	57•5 81•7
10 L	Do. Super and Do. Super and Do. Super & S Do. Super and	Super and Nitrate Soda= Do. do. Super and Nitrate Linne= Do. do. Super & Sulph.Ammonia Do. do. Super and Cyanamide & Do. do.	Do. do Super and Nitrate Soda=50 lb. Do. do. do. Super and Nitrate Lime=50 lb. Do. do. do. Super & Snlph.Ammonia=50 lb Do. do. do Super and Cyanamide50 lb. N Do. do. do.	Do. do Super and Nitrate Soda=50 lb. N. Do. do. do. Super and Nitrate Lime=50 lb. N. Do. do. do. Super & Sulph.Ammonia=50 lb. N. Do. do. do. Super and Cyanamide50 lb. N Do. do	Superphosphate alone 2 Do. do. 2 Super and Nitrate Soda=50 lb. N. 4 Do. do. do. Super and Nitrate Linne=50 lb. N. 4 Do. do. do. Super and Nitrate Linne=50 lb. N. 4 Do. do. do. Super & Sulph. Ammonia=50 lb. N. 4 Do. do. do. Super and Cyanamide -50 lb. N 4 Do. do. 4	Superphosphate alone 27.7 Do. do. 29.7 Super and Nitrate Soda=50 lb. N. 44.6 Do. do. do. 51.6 Super and Nitrate Linne=50 lb. N. 45.2 27.7 Do. do. do. 47.1 Super & Sulph.Ammonia=50 lb. N. 49.3 Do. do. do. Super and Cyanamide -50 lb. N 48.8 Super and Cyanamide -50 lb. N 43.9 Do. do. do.	Superphosphate alone 27.7 101 Do. do. 29.7 182 Super and Nitrate Soda=50 lb. N. 44.6 277 Do. do. do. 51.6 316 Super and Nitrate Linne=50 lb. N. 45.2 364 Do. do. do. 47.1 321 Super & Sulph. Annonia=50 lb. N. 49.3 280 Po. do. do. 48.8 270 Super and Cyanamide -50 lb. N 43.9 182 Do. do. do. 46.5 300	Superphosphate alone 27.7 101 22.4 Do. do. 29.7 182 24.4 Super and Nitrate Soda=50 lb. N. 44.6 277 30.6 38.7 Super and Nitrate Lime=50 lb. N. 45.2 364 42.9 Do. do. do. 47.1 321 36.5 Super & Sulph. Ammonia=50 lb. N. 49.3 280 26.3 Do. do. do. 48.8 270 36.5 Super and Cyanamide = 50 lb. N 43.9 182 39.9	Superphosphate alone $27\cdot7$ 101 $22\cdot4$ $54\cdot0$ Do.do $29\cdot7$ 182 $24\cdot4$ $55\cdot3$ Super and Nitrate Soda=50 lb. N. $44\cdot6$ 277 $30\cdot6$ $50\cdot0$ Do.do.do. $51\cdot6$ 316 $38\cdot7$ $54\cdot9$ Super and Nitrate Lime=50 lb. N. $45\cdot2$ 364 $42\cdot9$ $53\cdot5$ Do.do.do. $47\cdot1$ 321 $36\cdot5$ $55\cdot1$ Super & Sulph. Ammonia=50 lb. N. $49\cdot3$ 280 $26\cdot3$ $54\cdot4$ Do.do.do. $48\cdot8$ 270 $36\cdot5$ $54\cdot8$ Super and Cyanamide -50 lb. N $43\cdot9$ 182 $39\cdot9$ $54\cdot4$ Do.do $46\cdot5$ 300 $31\cdot1$ $54\cdot8$	Superphosphate alone $27 \cdot 7$ 101 $22 \cdot 4$ $54 \cdot 0$ $6 \cdot 8$ Do.do $29 \cdot 7$ 182 $24 \cdot 4$ $55 \cdot 3$ $11 \cdot 1$ Super and Nitrate Soda50 lb. N. $44 \cdot 6$ 277 $30 \cdot 6$ $50 \cdot 0$ $12 \cdot 4$ Do.do.do.do. $51 \cdot 6$ 316 $38 \cdot 7$ $54 \cdot 9$ $11 \cdot 2$ Super and Nitrate Line50 lb. N. $45 \cdot 2$ 364 $42 \cdot 9$ $53 \cdot 5$ $15 \cdot 1$ Do.do.do. $47 \cdot 1$ 321 $36 \cdot 5$ $55 \cdot 1$ $12 \cdot 4$ Super & Sulph. Ammonia $50 lb. N.$ $49 \cdot 3$ 280 $26 \cdot 3$ $54 \cdot 4$ $10 \cdot 4$ Bo.do.do. $48 \cdot 8$ 270 $36 \cdot 5$ $54 \cdot 8$ $10 \cdot 1$ Super and Cyanamide -50 lb. N $43 \cdot 9$ 182 $39 \cdot 9$ $54 \cdot 4$ $7 \cdot 6$ Do.do.do $46 \cdot 5$ 300 $31 \cdot 1$ $54 \cdot 8$ $11 \cdot 8$