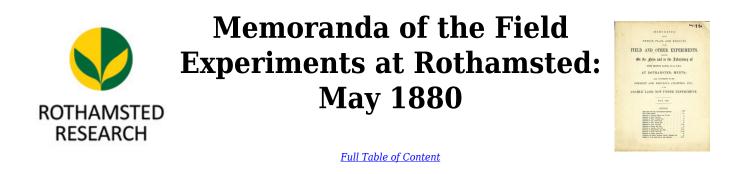
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Experiments on Barley; Hoos Field

Rothamsted Research

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PRODUCE PER ACRE.			w.	26 Years, 1852-77.	Cwts. 10 ³ 12 ⁴ 11 ⁴ 11 ⁴ 13 ⁴	$\frac{17_8}{26}$ 26 $27_{\frac{1}{2}}$	$20\frac{2}{4}$ $28\frac{2}{4}$ $30\frac{6}{6}$ $30\frac{6}{6}$		251 261 271	$\frac{22}{24\frac{2}{4}}$ (11)	$\frac{111}{266} (") \\ \frac{266}{114} (") \\ 1114 (") $	114 11	26g (13) 28	in other respects, manured in the same way as the s, and 1000 lbs. only, each year since. sphute of Lime, without Nitrate of Soda, the first 1275 lbs. only, each year since. (¹²⁾ Avenages of 7 years, 13 years, and 20 ye ured), and 26 years. the wet season.
PRODUCE PER ACRE			Total Straw.	13 Years, 1865-77.	Cwts. 88 832 832 104 410	15_{4} 23_{4} 25_{4} 25_{4}	$17\frac{3}{25\frac{3}{2}}$ $19\frac{3}{8}$ $26\frac{3}{2}$	20 ² 23 ²¹¹ 23 ²¹¹ 29 ² 29 ²	2321 238 248 248 248 8	20 22	$^{82}_{248}_{108}_{108}$	8 ² 885	$21 \\ 28\frac{1}{2}$	espects, m espects, on Lime, wi only, end Averages i 26 years season.
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an a	Aver	Corn.		13 Years, 1852-64,	522 522 522 522 522 522 522 522 522 522	52_{6}^{52}	514 514 524 524 524 524 524 524 524 524 524 52	::::	57 27 27 27 29 28 48 29 29 28 48	$52 \\ 51_{4}^{2}$	52_{4}^{0}	52 52 ₈	543 5813	ilicates, h r amum Potass, and Potass, and r 1855 a for 1855 a for 1855 a for 1855 a for 1855 a for 1850 a for 1850 a for 1850 a for 1850 a for 1855 a for 18555 a for 18555 a for 18555 a for 18555 a for 185555
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			Quantity.	13 Years, 1865–77.	Bushels. 158 197 197 168 204	$281 \\ 434 \\ 318 \\ 421 \\ 821 $	$\begin{array}{c} 302\\451\\8\\316\\8\\8\end{array}\end{array}$	364 464 405 473	414 4284 444 444	344 38	17 월 41 ⁸ 17 ⁸	$15_{\hat{6}}$	385 492	e addition 6 lbs. Ra 1 bs. Sulj. 8 Nitrate 1 bs. Nitrate 1 bs. Nitrate 1 bs. Nitrate 1 bs. outores 1 bs
				13 Years, 1852-64.	Bushels, 22 24 28 24 30 4 28 30 4	$\begin{array}{c} 34_3\\ 48_1\\ 48_6\\ 36_8\\ 47_8$ 47_8	$\frac{40}{50\frac{1}{2}}$::::	47 4481 4821 4821 4821 482	387 4388 888	245 45 23_{1} 23_{1}	$24\frac{3}{4}$ 24	48 4 47 3	excepting th • AA "plots • AA "plots • AA "plots • AA " • AA " • Book • AA " • AA " • Book • AA " • Book • AA " • Book • AA " • Plots • Plots • AA " • Plots • Plots • Plots • AA " • Plots • Pl
$= (about) 0.40 Hectare \dots \dots \dots \dots 0^r$	(about) 0.45 Kilogramme or 0.91 (about) 51.0 Kilogramme or 1.02	= (about) 51.0 Kilogrammes or 1.02 = (about) 0.9 Hectolitre per Hectare or 0.42	$\dots = \langle about \rangle$ 1.12 Kilogramme per Hectare or 0.57 e $\dots = \langle about \rangle$ 125.5 Kilogrammes per Hectare or 0.64	Manures, per acre, per annum.	Umanured continuously Unite (0)	200 lbs. Ammonie-sults (d)	Nifrate Soda	275 Ibs. Nitrate Soda, 400 Ibs. Silicate Soda (9)	1000 lbs. Rape-cate	275 lbs. Nitrate of Soda	200 lbs. ^(b) Sulphate of Potass, 3 [‡] ovts. Superphosphate ⁽¹⁰⁾	Unnanumed continuously	Farnyard Manure 14 tons, 20 yrs, 1552–71, av. prod. 484 bush. ; unmanmed since, av. prod., 7 yrs, 1572–8, 364 bush. Farnyard Manure 14 tons, every year; av. produce, 20 years, 1852–71, 484 bush.; 7 years, 1872–8, 494 bush.	(1) The "Superphosphate of Line" is, in all cases, made from 200 Ibs. Bone-ash, 150 Ibs. Suphuric acid ap. gr. 17 (and water). (a) 300 Ibs, per anoun for the first six years, 1832–7. (b) 300 Ibs, per anoun for the first six years, 1832–7. (c) 200 Ibs, per anoun for the first six years, 1832–7. (c) 200 Ibs, per anoun for the first six years, 1832–7. (c) 200 Ibs, per anoun for the first six years, 1832–7. (c) 200 Ibs, per anoun for the first six years, 1832–7. (c) 200 Ibs, per anoun for the first six years, 1832–7. (c) The "Ammonia-salts "in all cases equal parts Sulphate and Muriate of Ammonia of Commerce. (c) Titst 6 years, 1852–7, "im-and all cases equal parts Sulphate and Muriate of Solin, store and since 150 Ibs. Ammonia-salts per annum. 275 Ibs. Nitrate of Solai sreekond to contain the same amount of Nitrgen as 200 Ibs. "Ammonia-salts amount of Nitrgen as 200 Ibs. "Ammonia-salts amount of Nitrgen, respectively, one Ibs' finates of Solai, and a fine, 2400 Ibs. Minonia-salts and and a since and the suman. 275 Ibs. Nitrate of Solai are first size anound to Nitrgen as 200 Ibs. "Ammonia-salts and a since anound the suma mount of Nitrgen, as 200 Ibs. Silicate of Solai and solar size, work, propiled per arcs, but in 1868, and since, 200 Ibs. Silicate of Solai, and and Solai, and and Solai and and Silicate of Line were applied per arcs, but in 1868, and since, 400 Ibs. Silicate of Solai, and and and Silicate of Line were applied per arcs, but in the Solai and Sol Ibs. Silicate of Solai, and and and Silicate of Line were applied per arcs, but in 1868, and since, 400 Ibs. Silicate of Solai, and and Silicate of Line were applied per arcs, but in 1868, and since, 400 Ibs. Silicate of Solai, and and Silicate of Line were applied per arcs, but in the solai and Solai, and and solai and Solai.
8 9 1	r.) = aight) =	1 cwt. (hundredw	1 lb, per acre	1	Unmanured continuously 31 cwts. Superphosphato 200 lbs. (2) Sulphato Pota 200 lbs. (2) Sulphato Pota	 200 Ibs. Ammonia-salfs ⁽⁴⁾ 200 Ibs. Ammonia-salts, a: 200 Ibs. Ammonia-salts, 2 200 Ibs. Ammonia-salts, 2 	275 Ibs. N.tra 275 Ibs. Nitra 275 Ibs. Nitra 275 Ibs. Nitra	275 Ibs. Nitur 275 Ibs. Nitur 275 Ibs. Nitur 275 Ibs. Nitur and 3 <u>3</u> ewt	1000 lbs. Raj 1000 lbs. Raj 1000 lbs. Raj 1000 lbs. Raj	275 lbs. Nitrate of Soda 275 lbs. ⁽⁹⁾ Nitrate of Sod	200 lbs. © S 200 lbs. © S 100 lbs. S	Ummanured Ashes (burnt	Farmyard N Farmyard M	acid sp. (* (* (* (* (* (* (* (* (* (* (* (* (* (