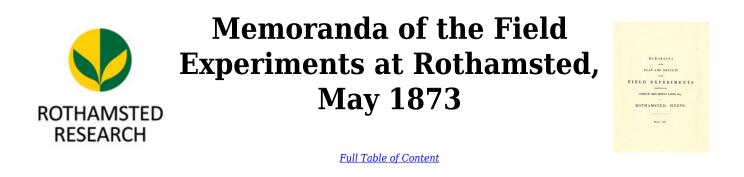
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readible, or you suspect there are some problems, please let us know and we will correct that.



Experiments on Permanent Meadow Land; the Park

Rothamsted Research

Rothamsted Research (1874) *Experiments on Permanent Meadow Land; the Park ;* Memoranda Of The Field Experiments At Rothamsted, May 1873, pp 2 - 2 - **DOI:** https://doi.org/10.23637/ERADOC-1-237

https://doi.org/10.23637/ERADOC-1-237

THE PARK.

any the	Ĩ		PLOTS.	Ī	1	5	e0	$\begin{bmatrix} 1\\2 \end{bmatrix} 4$	£)	2 9)	00	6	10	$\binom{1}{2}_{11}$	12	13	15	16	17	18	06 6T		-2		
sord of over all	-		Average per Annum; 16 Years 1871.	inter C	46 <u>3</u>	40_{6}^{5}	22_{3}^{7}	$24\frac{5}{36\frac{1}{4}}$	28 <u>1</u>	313	353	$32\frac{1}{4}$	524	49 ¹ / ₈	60 3 644 644	254	20%	362	485 A00	355	337 (m)	: 1		isly, 1856		
here rec		re, 7.	17th Season; 1 1972.	1	31 <u>3</u>	254		153 284	222	$25\frac{1}{4}$	374	22 ⁷	$50\frac{1}{2}$		635 635 637		-	325				40 381	1 200	90 108. 01 9 (previou		. '
aor is t red un t.		Produce per Acre, weighed as Hay.	16th Season; 5 1871.		€83 434	337	25 ³	24_8^7 38_4^1	$29_{\frac{5}{3}}$	37 <u>\$</u>	39 ³	30	583	$46\frac{1}{2}$	568 653	26 ³	63	385 385	57	381	378	: (:	ogen as 40 1 in 1859 1 1859		
vinly; ¹ appea me Plo		Produce weighed	15th Seuson; 1870.	1	Cwts. 16 <u>4</u>	13_{8}^{7}	5 2 3 4 2 3	7- 4-1 4-8	53	16≟	$17_{\frac{1}{2}}$	$12\frac{3}{4}$	293	$21\frac{1}{4}$	42_{3}^{3} 49_{2}^{1}	114	48	15 <u>1</u>	33 <u>1</u>	$19\frac{1}{4}$	145	:		st applie	d in 186	
rs certa herbage the sa			14th Season; Season; S		Cwts. 61	55 <u>4</u>	38	$40\frac{1}{45\frac{1}{3}}$	$35_{\tilde{8}}$	562	54_8^{-5}	46_8^3	$68\frac{3}{4}$	$57\frac{1}{4}$	$75\frac{1}{2}$	384 4	775 877	533	742	543	55 ⁸	:		ne amour l were fir	om mence	
EXPENIMENTS WITH DIFFERENT MANURES ON PERMANENT MEADOW LAND. The Land has probably been laid down with Grass for some centuries. No fresh seed has been artificially sown within the last 40 years certainly; nor is there record of any having been sown since the Grass was first laid down. The experiments commenced in 1855, at which time the character of the herbage appeared uniform over all the Plots. Excepting as explained in the Table, and in the foot-notes, the same description of Manure has been applied year after year to the same Plot.	(Area under experiment, about 7 acres.)	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	= (about) 1016-0 Kingrammes or = (about) 1.12 Kingramme per Hectare or = (about) 1.25-5 Kingrammes per Hectare or Marine per Ammun	Manures, per acre, per Annum.	1 [1856-63, 8 years, 14 tons Farmyard Manure, and 200 lbs. Ammonia-salts 0); average produce 49½ cwts.	2 (1856-63, 8 years, 14 tons Farmyard Manure; average produce 42; cwts}	The manufaction of the second	1 31 outs. Superphosphate of Lime.			7 300 lbs. Sulphate Potass, 100 lbs. (a) Sulpliate Soda, 100 lbs. Sulphate Magnesia, and 3½ ewts. Superphosphate	~	9 300 lbs. Sulphate Potass, 100 lbs. (4) Sulphate Soda, 100 lbs. Sulphate Magnesia, 3½ ewts. Superphosphate, and 400 lbs. Ammonia-salts	³⁾ 10 (1856-61, 6 yrs, 300 lbs. Sulph. Potass, 200 lbs. Sulph. Soda, 100 lbs. Sulph. Magnesia, 3 ¹ ₂ owts. Superphos, 400 lbs. Ammsults; av. prod. 55 ¹ ₂ owts.) (1899 and since. 250 lbs. (9 Sulph. Soda, 100 lbs. Sulph. Magnesia, 3 ¹ ₂ owts. Superphos, 400 lbs. Ammsults; av. prod. (10 yrs., 1862–71) 45 ¹ ₂ owts.)	11 (1 (200 lbs. Sulph. Potenss, 100 lbs. (9) Sulph. Soda, 100 lbs. Sulph. Magnesia, 3 [‡] ovts. Superphosph., 800 lbs. (6) Ammonia-salts Silicate Soda of 11 (1 (200 lbs. Sulph. Potenss, 100 lbs. (9) Sulph. Soda, 100 lbs. Sulph. Soda, 100 lbs. Sulph. Soda, 100 lbs. Sulph. Soda, 100 lbs. Soda, 100 lb	Unmanured continuously	13 300 lbs, Sulph, Potass, 100 lbs, (*) Sulph. Soda, 100 lbs. Sulph. Magnesia, 3 ^{1/2} ewts. Superphosph., 400 lbs. Ammonia.sults, 2000 lbs. Out West-straw	550 lbs. Nitrate of Soda (8), 300 lbs. Sulphate	15 550 lbs. Nitrate of Soda	17 275 lbs. Nituate of Soda	-	perphosphate (commencing 1872)	g 18/2)	(a) The "Superphosphate of Lime," is, in all cases, made from 200 lbs. Bone-ash, 150 lbs. Suphuric (a) 550 lbs. Nitrate of Soda is reckoned to contain the same amount of Arrogen as 400 lbs. Developed as 400 lbs. Suphuric (b) Arrow of 13 years only, as the manures specified were first applied in 1859 (previously, 1856–7 (a) 8, Sawfust only). (b) tots (b, 8, and 10, ha) besides the Manures specified, 2000 lbs. Sawfust per acre per annum for the (b) Arverage of 13 years only, as the manures specified were first applied in 1859 (previously, 1856–7 (b) tots (b		

This work is licensed under a <u>Creative Commons Attribution 4.0 International License</u>.