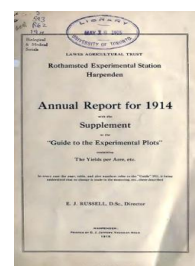


Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



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



[Full Table of Content](#)

Hay. The Park Grass Plots 1914 ; Botanical Composition per Cent First Crop 1914

Hay. The Park Grass Plots 1914 ; Botanical Composition per Cent First Crop 1914 (1915) Annual Report For 1914 With The Supplements To The Guide To The Experimental Plots Containing The Yields Per Acre, Etc., pp 35 - 35 - DOI: <https://doi.org/10.23637/ERADOC-1-107>

Hay. The Park Grass Plots, 1914.

(See "Guide," 1913, page 21, Table XI.)

Plot.	Manuring.	Yield of Hay per acre.			
		1914.			Average 57 years 1856-1912 (1st & 2nd crops).
		1st Crop.	2nd Crop.	Total.	
		cwt.		cwt.	cwt.
3 } 12 }	Unmanured	8·5		8·5	20·9
2	Unmanured ; Dung 8 years, 1856-63	12·6		12·6	23·9
5-1	(N. half) Unmanured ; following Amm. Salts alone, 42 yrs., 1856-97	9·9		9·9	28·6
1	Amm. Salts alone ; with Dung 8 yrs., 1856-63	6·6		6·6	14·4 (1)
17	Nitrate of Soda alone	11·9		11·9	35·9
4-1	Superphosphate of Lime	23·3		23·3	33·7
8	Mineral Manure without Potash ...	9·9		9·9	21·6
7	Complete Mineral Manure	12·6		12·6	28·0
5-2	(S. Half) Complete Mineral Manure ; following Amm. Salts alone for 42 yrs., 1856-97	22·8		22·8	40·9
6	Complete Mineral Manure as plot 7 ; following Amm. Salts alone 13 yrs., 1856-68	14·7	No 2nd Crop in 1914.	14·7	23·2 (1)
15	Complete Mineral Manure as plot 7 ; following Nitrate of Soda alone 18 yrs., 1858-75	25·0		25·0	37·2
4-2	Superphosphate and Amm. Salts ...	26·9		26·9	36·8
10	Mineral Manure (without Potash) and Amm. Salts	18·5		18·5	33·5
9	Complete Mineral Manure and Amm. Salts	21·7		21·7	47·7
11-1	Complete Mineral Manure and extra Amm. Salts	33·6		33·6	54·3
11-2	As plot 11-1 and Silicate of Soda ...	53·1		53·1	66·5
16	Complete Mineral Manure and Nit. Soda=43 lb. N.	53·6		53·6	73·3
14	Complete Mineral Manure and Nit. Soda=86 lb. N.	37·5		37·5	46·3
13	Dung and Fish Guano, once in 4 years	47·8		47·8	56·9
		32·6	32·6	—	

(1) 15 years, 1898—1912.

Botanical Composition, Per Cent.

First Crop, 1914.

(See "Guide," 1913, page 22, Table XII.)

Plot.	Manuring.	Gramineæ.	Leguminosæ.	Other Orders.
		Per cent.	Per cent.	Per cent.
3	Unmanured	64·3	8·6	27·1
4-2	Superphosphate and Amm. Salts	99·2	—	0·8
8	Mineral Manure without Potash	69·6	9·6	20·8
7	Complete Mineral Manure	72·6	19·8	7·6
10	As 8 + Amm. Salts	99·7	—	0·3
9	As 7 + Amm. Salts	99·0	—	1·0
15	As 7, 1876 and since	59·5	33·1	7·4

These results were obtained on the limed portions of the plots except 15.