

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 1913 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 1913 ; Botanical Composition per Cent First Crop 1913

#### Rothamsted Research

Rothamsted Research (1914) *Hay the Park Grass Plots 1913 ; Botanical Composition per Cent First Crop 1913 ; Annual Report For 1913 With The Supplements To The Guide To The Experimental Plots Containing The Yields Per Acre, Etc.*, pp 26 - 26 - DOI: <https://doi.org/10.23637/ERADOC-1-115>

### HAY. THE PARK GRASS PLOTS, 1913.

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

Plot.	Manuring.	Yield of Hay per acre.			
		1913.			Average 57 years 1856-1912 (1st & 2nd crops).
		1st Crop.	2nd Crop.	Total.	
		cwt.	cwt.	cwt.	cwt.
3 )	Unmanured ... ..	12·4	0·6	13·0	20·9
12 )		14·9	0·7	15·6	23·9
2	Unmanured; Dung 8 years, 1856-63	15·3	0·5	15·8	28·6
5-1	(N. half) Unmanured; following Amm. Salts alone, 42 yrs. 1856-97	20·2	0·8	21·0	14·4 (1)
1	Amm. Salts alone; with Dung 8 yrs. 1856-63 ... ..	26·4	2·4	28·8	35·9
17	Nitrate of Soda alone ... ..	26·6	1·9	28·5	33·7
4-1	Superphosphate of Lime ... ..	21·1	0·6	21·7	21·6
8	Mineral Manure without Potash ...	20·3	1·0	21·3	28·0
7	Complete Mineral Manure ... ..	40·6	2·6	43·2	40·9
5-2	(S. Half) Complete Mineral Manure; following Amm. Salts alone for 42 yrs. 1856-97 ... ..	35·2	1·7	36·9	23·2 (1)
6	Complete Mineral Manure as plot 7; following Amm. Salts alone 13 yrs. 1856-68 ... ..	36·6	3·8	40·4	37·2
15	Complete Mineral Manure as plot 7; following Nitrate of Soda alone 18 yrs. 1858-75 ... ..	34·8	3·7	38·5	36·8
4-2	Superphosphate and Amm. Salts ...	45·4	2·3	47·7	33·5
10	Mineral Manure (without Potash) and Amm. Salts ... ..	44·2	2·0	46·2	47·7
9.	Complete Mineral Manure and Amm. Salts ... ..	56·0	2·1	58·1	54·3
11-1	Complete Mineral Manure and extra Amm. Salts ... ..	64·3	7·2	71·5	66·5
11-2	As plot 11-1, and Silicate of Soda ...	66·7	9·3	76·0	73·3
16	Complete Mineral Manure and Nit. Soda=43 lb. N. ... ..	42·9	3·9	46·8	46·3
14	Complete Mineral Manure and Nit. Soda=86 lb. N. ... ..	51·9	3·8	55·7	56·9
13	Dung and Fish Guano, once in 4 years	45·4	5·1	50·5	—

(1) 15 years, 1898—1912.

### BOTANICAL COMPOSITION, PER CENT.

First Crop, 1913.

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

Plot.	Manuring.	Gramineæ.	Leguminosæ.	Other Orders.
		Per cent.	Per cent.	Per cent.
3	Unmanured ... ..	59·0	8·7	32·3
4-1	Superphosphate of Lime ... ..	56·9	10·7	32·4
8	Mineral Manure without Potash	30·4	15·8	53·8
7	Complete Mineral Manure ... ..	69·5	15·3	15·2
6	As 7, 1869 and since ... ..	54·4	26·8	18·8
15	As 7, 1876 and since ... ..	63·7	17·2	19·1