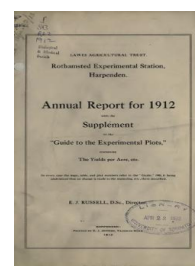


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## Annual Report for 1912 With the Supplement to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



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### Hay the Park Grass Plots 1912 ; Botanical Composition per Cent First Crop 1912

#### Rothamsted Research

Rothamsted Research (1913) *Hay the Park Grass Plots 1912 ; Botanical Composition per Cent First Crop 1912 ; Annual Report For 1912 With The Supplement To The Guide To The Experimental Plots Containing The Yields Per Acre, Etc.*, pp 19 - 19 - DOI: <https://doi.org/10.23637/ERADOC-1-104>

## HAY. THE PARK GRASS PLOTS, 1912.

(See "Guide," 1906, page 19, Table XI.)

Plot.	Manuring.	Yield of Hay per acre.		
		1st Crop.	2nd Crop.	Total.
		Cwt.	Cwt.	Cwt.
3 )	Unmanured ... ..	7·7	2·5	10·2
12 )		11·7	8·5	20·2
2	Unmanured (1) ... ..	11·5	4·0	15·5
1	Ammonium Salts alone (1) ... ..	13·5	10·1	23·6
4-1	Superphosphate of Lime ... ..	12·7	4·5	17·2
8	Mineral Manure without Potash ... ..	13·5	9·0	22·5
7	Complete Mineral Manure ... ..	27·9	18·5	46·4
6	As 7, 1869 and since (2) ... ..	23·3	14·5	37·8
15	As 7, 1876 and since (3) ... ..	24·5	12·5	37·0
5	Superphosphate and Potash, 1898 and since ... ..	9·0	6·7	15·7
17	Nitrate of Soda alone ... ..	23·2	8·0	31·2
4-2	Superphosphate and Amm. Salts ... ..	17·2	7·9	25·1
10	Mineral Manure (without Potash) and Amm. Salts ... ..	21·0	11·4	32·4
9	Complete Mineral Manure and Amm. Salts ... ..	28·2	7·8	36·0
13	Dung and Fish Guano, once in 4 years	28·5	13·8	42·3
11-1	Complete Mineral Manure and extra Amm. Salts ... ..	44·5	22·7	67·2
11-2	As 11-1, and Silicate Soda ... ..	47·7	24·9	72·6
16	Complete Mineral Manure and Nit. Soda = 43 lb. N. ... ..	29·2	11·5	40·7
14	Complete Mineral Manure and Nit. Soda = 86 lb. N. ... ..	38·4	14·5	52·9

Quick Line (ground) at the rate of 2000 lb. per acre, applied to the South half of plots 1 to 4-2, 7 to 11-2, 13 and 16, in January, 1907.

(1) Received Farmyard dung, 8 years, 1856—63. (3) Nitrate of Soda alone previously.

(2) Ammonium Salts alone previous to 1869.

## BOTANICAL COMPOSITION, PER CENT.

First Crop, 1912.

(See "Guide," 1906, page 20, Table XII.)

Plot.	Manuring.	Gramineæ.	Leguminosæ.	Other Orders.
		Per cent.	Per cent.	Per cent.
3	Unmanured ... ..	40·5	5·0	54·5
4-1	Superphosphate of Lime ... ..	32·5	13·6	53·9
8	Mineral Manure without Potash	30·2	5·0	64·8
7	Complete Mineral Manure ... ..	46·3	18·7	35·0
6	As 7, 1869 and since (2) ... ..	46·0	20·5	33·5
15	As 7, 1876 and since (3) ... ..	38·7	24·8	36·5