

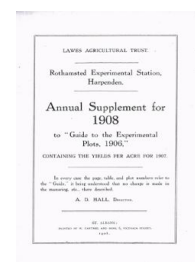
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Yields of the Field Experiments 1907

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Botanical Composition per Cent

Botanical Composition per Cent, Rothamsted Research (1908) Yields Of The Field Experiments 1907, pp 3 - 3 - DOI: <https://doi.org/10.23637/ERADOC-1-144>

HAY. THE PARK GRASS PLOTS, 1907.

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

Plot.	Manuring.	Yield of Hay per acre.		
		1st Crop.	2nd Crop.	Total.
		Cwt.	Cwt.	Cwt.
3	Unmanured	21.3	1.8	23.1
12		25.3	4.3	29.6
2	Unmanured (1)	26.1	2.2	28.3
1	Ammonium salts alone (1)	34.4	5.3	39.7
4-1	Superphosphate of Lime	25.0	2.0	27.0
8	Mineral Manure without Potash	36.3	5.9	42.2
7	Complete Mineral Manure	57.2	13.2	70.4
6	As 7, 1869 and since (2)	49.6	13.0	62.6
15	As 7, 1876 and since (3)	46.0	11.7	57.7
5	Superphosphate and Potash, 1898 and since	24.5	2.1	26.6
17	Nitrate of Soda alone	38.8	7.9	46.7
4-2	Superphosphate and Amm.-salts	40.6	1.9	42.5
10	Mineral Manure (without Potash) and Amm.-salts	50.0	4.7	54.7
9	Complete Mineral Manure and Amm.- salts	65.0	7.9	72.9
13	Dung and Fish Guano, once in 4 yrs.	52.2	15.5	67.7
11-1	Complete Mineral Manure and extra Amm.-salts	46.7	24.0	70.7
11-2	As 11-1, and Silicate Soda	68.3	29.2	97.5
16	Complete Mineral Manure and Nit. Soda=43 lb. N.	50.4	12.2	62.6
14	Do. do. do. and Nit. Soda=86 lb. N.	51.2	13.3	64.5

Quick Lime (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 yrs., 1856-63. (3) Nitrate of Soda alone previously.
 (2) Ammonium salts alone, previous to 1869.

BOTANICAL COMPOSITION, PER CENT.

First Crop, 1907.

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

Plot.	Manuring.	Gramineæ.	Leguminosæ.	Other Orders.
		Per cent.	Per cent.	Per cent.
3	Unmanured	51.6	6.2	42.2
4-1	Superphosphate of Lime	54.4	5.2	40.4
8	Mineral Manure without Potash	44.8	15.2	40.0
7	Complete Mineral Manure	53.3	29.3	17.4
6	As 7, 1869 and since (2)	44.9	38.7	16.4
15	As 7, 1876 and since (3)	37.8	49.9	12.3