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Yields of the Field Experiments 1907

LANGE AGENTITURAL TREAT

Rethausted Experimental Station,
Hargondon,
1908

to "Gada to the Experimental
Parts, 1908,"

Complete the Com

Full Table of Content

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

3

HAY. THE PARK GRASS PLOTS, 1907.

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

Plot.	Manuring.	Yield of Hay per acre.		
	Manuffing.	1st Crop.	2nd Crop.	Total.
		Cwt.	Cwt.	Cwt.
3 (Unmanured	21.3	1.8	23.1
	Land Division 1	20 0	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 7	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		0.	00.0
	and since	24.5	2.1	26.6
17	Nitrate of Soda alone	38-8	7.9	46.7
4-2	Superphosphate and Ammsalts	40-6	1.9	42.5
10	Mineral Manure (without Potash) and	** *		***
	Ammsalts	50.0	4.7	54.7
9	Complete Mineral Manure and Amm	05.0	7.0	70.0
20	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	46.7	24.0	70.7
	Ammsalts		29.2	97.5
11-2	As 11-1, and Silicate Soda	68.3	29.2	21.9
16	Complete Mineral Manure and Nit.	50.4	12-2	62.6
**	Soda=43 lb. N Do. do. do. and Nít.	30.4	14.2	02.0
14	Soda=86 lb. N and Nit.	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.

Received Farmyard Dung, 8 yrs., 1856-63.
 Ammonium salts alone, previous to 1869.

(3) Nitrate of Soda alone previously.

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 Potas	h	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