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



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Wheat Broadbalk Field 1914 ; Wheat After Fallow (Without Manure 1851 and Since) Hoos Field 1913 and 1914

Rothamsted Research

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Wheat. Broadbalk Field, 1914.

(See "Guide," 1913, page 30, Table XVI.)

Plot.	Manuring.	Dressed Grain.		Straw per Acre.	Average for 61 years, 1852-1912.		
		Yield per Acre.	Weight per Bushel.		Dressed Grain per Acre.	Straw per Acre.	
		Bushels	lb.	cwt.	Bushels.	cwt.	
2	Farmyard Manure	30.7	62.2	36.6	35.2	34.8	
3	Unmanured	5.8	60.6	5.1	12.6	10.3	
5	Complete Mineral Manure	9.8	61.4	7.7	14.5	12.1	
6	As 5, and single Amm. Salts	16.9	62.6	16.0	23.2	21.4	
7	As 5, and double Amm. Salts	23.4	62.2	27.3	32.1	32.9	
8	As 5, and treble Amm. Salts	27.7	62.1	41.9	36.6	41.1	
9	As 5, and single Nitrate Soda	18.7	62.0	19.8	—	—	
10	Double Amm. Salts alone	12.0	62.1	12.6	20.0	18.4	
11	As 10, and Superphosphate	14.9	61.8	16.1	22.9	22.3	
12	As 10, and Super. and Sulph. Soda	22.7	62.7	22.0	29.1	28.0	
13	As 10, and Super. and Sulph. Potash	19.2	62.4	21.6	31.0	31.5	
14	As 10, and Super. and Sulph. Mag.	14.6	61.9	17.0	28.8	28.0	
15	Double Amm. Salts in Autumn, and Minerals	19.5	62.3	22.6	29.9	29.7	
16	Double Nitrate and Minerals	19.2	62.3	26.1	—	—	
17	Minerals alone, or double Amm. Salts {	*15.9	*62.2	*19.6	*29.9	*29.5	
18		alone, in alternate years	†5.3	†62.4	†4.5	†14.9	†13.0
19		Rape Cake alone	9.5	62.5	12.0	25.4 (2)	25.7 (2)

* Produce by Ammonium Salts. † Produce by Minerals.

(1) Commenced in 1906. (2) 20 years, 1893—1912.

NOTE.—As in the two previous seasons, (1912 and 1913), owing to the foulness of the land on the upper half of the field, the produce here recorded was that obtained on the lower half of the field only. (See notes on the crop at p. 7.)

Wheat after Fallow (without Manure 1851 and since).

Hoos Field, 1913 and 1914.

(See "Guide," 1913, page 44, Table XXI.)

	1913	1914	Average 57 years 1856-1912
Dressed Grain	8.3	14.9	16.0
(Yield—Bushels per Acre	61.8	62.7	59.4
(Weight per Bushel	6.7	11.9	13.7
Straw	1284	2351	2536
Total produce			
(cwt. per Acre			
(lb. per Acre			