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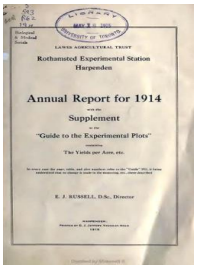
Annual Report for 1914 With the Supplements to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



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Rothamsted Research

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Wheat. Broadbalk Field, 1914.

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

Plot.	Manuring.	Dressed Grain. Yield per Acre.	Dressed Grain. Weight per Bushel.	Straw per Acre.	Average for 61 years, 1852-1912. Dressed Grain per Acre.	Average for 61 years, 1852-1912. 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	Yield—Bushels per Acre	8·3	14·9	16·0
	Weight per Bushel ...	61·8	62·7	59·4
Straw	cwt. per Acre	6·7	11·9	13·7
Total produce	lb. per Acre	1284	2351	2536

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