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## Annual Report for 1913 With the Supplements to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



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

#### Rothamsted Research

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### WHEAT. BROADBALK FIELD, 1913.

(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 ... ..	25.7	64.9	29.6	35.2	34.8
3	Unmanured ... ..	5.8	63.3	4.5	12.6	10.3
5	Complete Mineral Manure ... ..	9.4	63.8	7.2	14.5	12.1
6	As 5, and single Amm. Salts ... ..	14.2	64.7	13.8	23.2	21.4
7	As 5, and double Amm. Salts ... ..	20.8	65.8	26.7	32.1	32.9
8	As 5, and treble Amm. Salts ... ..	28.5	65.8	38.4	36.6	41.1
9	As 5, and single Nitrate Soda ... ..	23.3	61.6	24.2	—	—
10	Double Amm. Salts alone ... ..	11.3	64.5	11.7	20.0	18.4
11	As 10, and Superphosphate ... ..	13.4	63.9	14.6	22.9	22.3
12	As 10, and Super and Sulph. Soda ... ..	19.0	65.1	22.7	29.1	28.0
13	As 10, and Super and Sulph. Potash ... ..	21.6	65.6	36.3	31.0	31.5
14	As 10, and Super and Sulph. Mag. ... ..	19.5	65.4	25.7	28.8	28.0
15	Double Amm. Salts in Autumn, and Minerals ... ..	22.4	65.6	22.3	29.9	29.7
16	Double Nitrate and Minerals ... ..	23.9	65.5	37.4	—	—
17	Minerals alone, or double Amm. Salts ... ..	*9.8	*65.0	*9.2	*14.9	*13.0
18	alone, in alternate years ... ..	+21.7	+65.7	+31.1	+29.9	+29.5
19	Rape Cake alone ... ..	19.8	65.2	24.8	25.4 (2)	25.7 (2)
20 (1)	As 7, but excluding Superphosphate ... ..	11.0	65.5	17.5	—	—

\* Produce by Minerals.      + Produce by Ammonium Salts.  
 (1) Commenced in 1906.      (2) 20 years, 1893—1912.

NOTE.—As in the previous season (1912), 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.

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

				1913	Average 57 years 1856-1912
Dressed Grain	...	...	Yield—Bushels per Acre	8.3	16.0
	...	...	Weight per Bushel	61.8	59.4
Straw	...	...	cwt. per Acre	6.7	13.7
Total produce	...	...	lb. per Acre	128.4	253.6