Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readible, or you suspect there are some problems, please let us know and we will correct that.



Annual Report for 1910 With the Supplement to the Guide to the Experimental Plots Containing Yields per Acre, Etc.



Full Table of Content

Wheat Broadbalk Field 1910; Barley Hoos Field 1910

Rothamsted Research

Rothamsted Research (1911) Wheat Broadbalk Field 1910; Barley Hoos Field 1910; Annual Report For 1910 With The Supplement To The Guide To The Experimental Plots Containing Yields Per Acre, Etc., pp 12 - 12 - DOI: https://doi.org/10.23637/ERADOC-1-102

12

WHEAT. BROADBALK FIELD, 1910.

(See "Guide," page 26, Table XIV.)

Plot.	Manuring.	Dressed Grain.		C. 4
		Yield.	Weight per Bushel.	Straw.
		Bushels.	lbs.	Cwt.
2	Farmyard Manure	27.9	61.1	38.3
3	Unmanured	7.5	60.0	9.3
5	Complete Mineral Manure	10.0	59.8	10.5
6	As 5, and single Amm. Salts	17.6	61.2	20.6
7	As 5, and double Amm. Salts	25.6	61.2	34.7
8	As 5, and treble Amm. Salts	27.7	59.9	45.0
9	As 5, and single Nitrate Soda	23.7	61.6	30.4
10	Double Amm. Salts alone	14.2	58.7	19.1
11	As 10, and Superphosphate	20.0	59.5	27.7
12	As 10, and Super and Sulph. Soda	26.3	60.8	32.6
13	As 10, and Super and Sulph. Potash	25.3	61.3	34.0
14	As 10, and Super and Sulph. Mag.	23.8	60.7	30.2
15	Double Amm. Salts in Autumn, and			
	Minerals	20.4	60.9	27.8
16	Double Nitrate and Minerals	23.6	61.1	45.9
17 (Minerals alone, or double Amm. Salts	*26.4	*62.3	*30.5
18 1	alone, in alternate years	1 10.0	†60.3	†11.3
19	Rape Cake alone	19.2	60.7	23.2
20 (1)	As 7, but excluding Superphosphate	21.6	61.3	27.6

^{*} Produce by Ammonium Salts. † Produce by Minerals.
(1) Commenced in 1906.

BARLEY. HOOS FIELD, 1910.

(See "Guide," page 33, Table XVI.)

Plot.	Manuring.	Dressed Grain.		Character
		Yield.	Weight per Bushel.	Straw.
1 O 2 O 3 O 4 O	Unmanured Superphosphate only Alkali Salts only Complete Minerals	Bushels. 9'9 20'0 10'4 14'3	1bs. 54.0 54.7 53.8 53.8	Cwt. 6'8 9'4 8'0 11'0
1 A	Amm. Salts only Superphos. and Amm. Salts Alkali Salts and Amm. Salts Complete Minerals and Amm. Salts	20 [.] 4	53.0	14 [.] 3
2 A		27 [.] 5	52.6	21 [.] 6
3 A		23 [.] 4	53.2	17 [.] 7
4 A		38 [.] 6	54.8	24 [.] 7
1 N	Nitrate of Soda alone Superphos. and Nitrate Soda Alkali Salts and Nitrate Soda Complete Minerals and Nitrate Soda	24.3	53.6	18 ⁴
2 N		42.0	54.0	31 ⁶
3 N		21.6	54.8	15 ⁸
4 N		39.2	54.5	25 ⁵
1 C	Rape Cake alone Superphos. and Rape Cake Alkali Salts and Rape Cake Complete Minerals and Rape Cake	35 ²	54.0	22·0
2 C		37 ²	54.3	22·2
3 C		34 ²	55.2	21·8
4 C		39 ⁴	55.0	26·9
7-1	Unmanured (after Dung, 1852-71)	14·5	53 [.] 9	11 ²
7-2	Farmyard Dung	43·0	55 [.] 4	32 ⁹

Digitized by Microsoft &