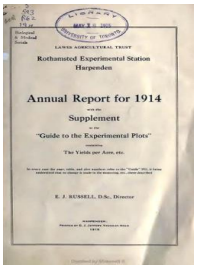
This work is licensed under a Creative Commons Attribution 4.0 International License.

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



Full Table of Content

Permanent Barley Plots Hoos Field 1914 ; Barley Hoos Field 1914

Rothamsted Research

Rothamsted Research (1915) *Permanent Barley Plots Hoos Field 1914 ; Barley Hoos Field 1914 ;* Annual Report For 1914 With The Supplements To The Guide To The Experimental Plots Containing The Yields Per Acre, Etc., pp 37 - 37 **- DOI: https://doi.org/10.23637/ERADOC-1-107**

This work is licensed under a Creative Commons Attribution 4.0 International License.

Permanent Barley Plots. Hoos Field, 1914.

(See "Guide," 1913, page 37, Table XVIII.)

Plot	Manuring.	1914. Dressed Grain.	1914. Weight per Bushel.	1914. Straw.	Average 60 years, 1852—1911. Dressed Grain.	Average 60 years, 1852—1911. Straw.
		Bushels.	lb.	cwt.	Bushels.	cwt.
1 O	Unmanured	10·4	53·1	5·5	12·7	8·4
2 O	Superphosphate only	13·1	53·8	6·4	19·7	10·0
3 O	Alkali Salts only	10·4	54·4	7·5	15·2	8·8
4 O	Complete Minerals	15·6	54·3	9·2	19·7	11·1
1 A	Ammonium Salts only	22·6	53·6	11·9	25·5	14·7
2 A	Superphosphate and Amm. Salts ...	28·4	53·4	14·6	38·2	22·0
3 A	Alkali Salts ,, ,, ,, ...	27·4	53·6	16·0	28·0	16·9
4 A	Complete Minerals ,, ,, ...	32·9	54·9	19·3	41·5	25·0
1 AA	Nitrate of Soda only	22·5	52·2	14·6	29·3	17·8
2 AA	Superphosphate and Nitrate Soda ...	33·4	52·8	18·9	43·1	26·3
3 AA	Alkali Salts ,, ,, ,, ...	23·7	52·5	15·7	30·0	19·3
4 AA	Complete Minerals ,, ,, ...	33·4	53·1	19·9	42·7	27·3
1 AAS	As Plot 1 AA and Silicate of Soda	24·1	52·9	15·7	32·8 (1)	19·7 (1)
2 AAS	,, ,, 2 AA ,, ,, ...	32·0	52·8	19·6	42·3 (1)	26·0 (1)
3 AAS	,, ,, 3 AA ,, ,, ...	25·9	52·3	17·6	35·2 (1)	21·7 (1)
4 AAS	,, ,, 4 AA ,, ,, ...	31·7	53·3	20·4	43·6 (1)	27·7 (1)
1 C	Rape Cake only	30·1	53·6	16·0	38·3	22·1
2 C	Superphosphate and Rape Cake ...	33·8	53·9	17·6	40·5	23·6
3 C	Alkali Salts ,, ,, ,, ...	24·2	52·8	15·1	36·9	22·3
4 C	Complete Minerals ,, ,, ...	30·0	53·4	15·8	40·5	24·5
7—1	Unmanured (after dung 20 years, 1852—71)	19·8	54·0	11·1	24·8 (2)	14·8 (2)
7—2	Farmyard Manure	40·4	55·1	23·0	47·1	29·6

(1) 48 years, 1864—1911. (2) 40 years, 1872—1911.

NOTE.—The whole of the above plots were fallowed in 1912.

Barley. Hoos Field, 1914.

(See "Guide," 1913, page 43, Table XX.)

Plot.	Manures applied to the Potatoes, 1876-1901. Unmanured since.	Dressed Grain. Yield per Acre.	Dressed Grain. Weight per Bushel.	Straw per Acre.	Total Produce per Acre.
	Previous Cropping: Potatoes, 1876-1901; Barley, 1902 and 1903; Oats, 1904; Barley, 1905-1911; Oats, 1912; Barley, 1913.				
		Bushels.	lb.	cwt.	lb.
1	Unmanured	8·8	52·4	4·8	1071
2	Unmanured 1882 to 1901, previously Dung only ...	13·4	53·4	8·9	1824
3	Dung 1883 to 1901	19·0	53·3	12·0	2504
4	Dung 1883 to 1901	20·3	53·0	14·0	2791
	Previous Cropping: Potatoes, 1876-1901; Barley, 1902-1903; Oats, 1904; Plots 5, 7, 9, Cow Peas (failed), 1905; Plots 6, 8, 10, Red Clover, 1905; 1906-1911, all Plots Red Clover; Oats, 1912; Barley, 1913.				
5	Ammonium Salts	13·9	52·6	9·0	1863
6	Nitrate of Soda	15·5	52·3	10·0	2070
7	Ammonium Salts and Mixed Minerals	21·6	52·5	14·0	2864
8	Nitrate of Soda and Mixed Minerals	24·0	53·2	15·3	3125
9	Superphosphate	18·6	52·5	11·0	2317
10	Mixed Minerals	20·6	52·7	12·6	2637

Digitized by Microsoft ®