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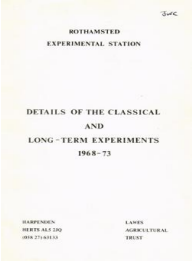
Details of the Classical and Long-term Experiments 1968-73


ROTHAMSTED
EXPERIMENTAL STATION

DETAILS OF THE CLASSICAL
AND
LONG-TERM EXPERIMENTS
1968-73

Full Table of Content

R/EX/4 Exhaustion Land - Barley

Rothamsted Research

Rothamsted Research (1977) *R/EX/4 Exhaustion Land - Barley ;* Details Of The Classical And Long-Term Experiments 1968-73, pp 15 - 15 **- DOI: https://doi.org/10.23637/ERADOC-1-193**

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Area harvested. 0.01483

Soil series. Batcombe series with small area of Hook series.

EXHAUSTION LAND, HOOSFIELD

(R/EX/4)

Barley has been grown continuously since fallowing in 1967 to test the residual value of manures applied 1856-1901 and N only has been applied subsequently. *(Details 1967,* pp 43-44)

Manures
Basal N at 88 kg N has been combine-drilled but no separate plot treatments have been applied.

Cropping and weed control

(1)	*Varieties.*	1968-69	Maris Badger
		1970-73	Julia (dressed with ethirimol 1972 and '73)
		All sown at 155 kg	
(2)	*Weedkillers.*	1968-70, 1972 & '73	Dicamba with mecoprop and MCPA
		1969-70	Paraquat in autumn
		1971	Bromoxynil with ioxynil and dichlorprop
		1972	Aminotriazole with ammonium thiocyanate in autumn.

Area harvested. 0.03000

Soil Series. Batcombe with small area of Hook series.

Reference

Johnston, A.E., Warren, R.G. and Penny A. (1970)
The value to arable crops of residues accumulated from superphosphate and from potassium fertiliser.
Rothamsted Experimental Station. Report for 1969, Part 2, 39-90.

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