

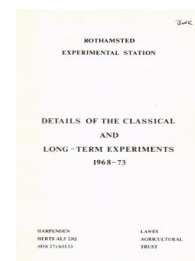
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## Details of the Classical and Long-term Experiments 1968-73

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### 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>

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, Dicamba with mecoprop and MCPA  
1972 & '73  
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.*