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Numerical Results of the Field Experiments 1970

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70/R/EX/4 Exhaustion Land

Rothamsted Research

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EXHAUSTION LAND HOOSFIELD 1970

(70/R/EX/4)

For history, treatments etc., see 'Details' 1967.

Variety changed to: Julia.

Area harvested: 0.0741.

Cultivations, etc.: Sprayed with paraquat at 0.5 lb ion in 20 gals: 18 Sept, 1969. Ploughed: 16 Oct. Seed combine drilled at 140 lb: 20 Mar, 1970. Sprayed with MCPA, mecoprop and dicamba ('Banlene Plus' at 4 pints in 20 gals): 26 May. Combine harvested: 15 Aug.

SUMMARY OF RESULTS

Plot	1876 - 1901	GRAIN: CWT	STRAW: CWT
1	-	9.1	2.0
2	-	13.8	3.5
3	D	32.7	10.7
4	D	35.4	11.3
5	N	13.1	7.4
6	N*	12.6	4.2
7	N PKNa Mg	29.9	11.9
8	N* PKNa Mg	30.9	8.0
9	P	26.3	8.7
10	PKNa Mg	30.7	14.0
Mean		23.5	8.2
Mean D.M. %:		85.3	88.0