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Yields of the Field Experiments 1959

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59/R/A/3 Hoosfield - Wheat After Fallow

Rothamsted Research

Rothamsted Research (1960) *59/R/A/3 Hoosfield - Wheat After Fallow* ; Yields Of The Field Experiments 1959, pp 9 - 9 - DOI: <https://doi.org/10.23637/ERADOC-1-179>

59/A/4.2

Summary of Results

Manure to turnips until 1948 Plot Rotation	None since 1848		Mineral manure* no nitrogen		Mineral* and nitrogenous manure+		Mean
	5 Fallow	6 Clover	3 Fallow	4 Clover	1 Fallow	2 Clover	

<u>Grass Dry Matter: cwt per acre</u>							
1st cut	30.0	12.8	39.1	36.3	38.1	31.6	31.3
2nd cut	7.5	5.7	12.4	13.7	16.7	15.8	12.0
3rd cut	5.6	3.5	12.2	9.6	11.9	11.4	9.0
Total of 3 cuts	43.1	22.0	63.6	59.6	66.8	58.7	52.3

<u>Potatoes total tubers: tons per acre</u>							
<u>P₂O₅ cwt per acre</u>							
None	3.58	3.50	8.42	7.32	7.32	6.41	6.09
0.25	6.32	5.24	9.53	8.62	9.02	7.72	7.74
1.00	8.48	6.77	10.32	9.96	10.89	9.60	9.34
Mean	6.13	5.17	9.42	8.63	9.08	7.91	7.72

<u>Sugar Beet: Roots (washed) tons per acre</u>							
None	8.50	9.80	14.95	13.80	11.56	8.94	11.26
0.25	10.54	9.78	15.61	12.52	11.58	9.57	11.60
1.00	10.65	10.13	14.92	13.28	11.84	10.55	11.90
Mean	9.90	9.90	15.16	13.20	11.66	9.69	11.58

<u>Sugar Beet: Sugar Percentage</u>							
None	15.4	15.4	17.6	16.5	16.4	15.6	16.2
0.25	15.9	15.3	17.2	16.6	16.2	16.1	16.2
1.00	16.0	15.6	17.1	16.5	16.2	16.2	16.3
Mean	15.8	15.4	17.3	16.5	16.3	16.0	16.2

* P, K, Na, Mg.

+ Rape dust (or castor meal + ammonium sulphate)