

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 readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

## Yields of the Field Experiments 1959

[Full Table of Content](#)



---

### 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>P<sub>2</sub>O<sub>5</sub> 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)