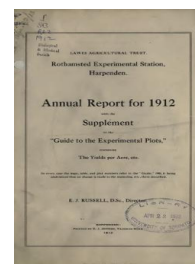


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## Annual Report for 1912 With the Supplement to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



[Full Table of Content](#)

### Meteorological Records 1912 ; Mangolds Barn Field 1912

#### Rothamsted Research

Rothamsted Research (1913) *Meteorological Records 1912 ; Mangolds Barn Field 1912 ; Annual Report For 1912 With The Supplement To The Guide To The Experimental Plots Containing The Yields Per Acre, Etc.*, pp 18 - 18 - DOI: <https://doi.org/10.23637/ERADOC-1-104>

### METEOROLOGICAL RECORDS, 1912

(See "Guide," 1906, page 16, Table IX.)

	Rain.			Drainage through soil.			Bright Sunshine.	Temperature.	
	Total Fall.		No. of Rainy Days.	20 ins. deep.	40 ins. deep.	60 ins. deep.		Max.	Min.
	5-inch Funnel Gauge.	$\frac{1}{1000}$ Acre Gauge.							
	Inches.	Inches.	No.	Inches.	Inches.	Inches.		Hours.	°F.
Jan. ...	3.738	3.886	18	3.684	3.636	3.582	41.2	43.0	33.4
Feb. ...	2.008	2.210	17	1.825	1.875	1.854	39.2	46.9	35.4
March ...	4.141	4.288	21	3.423	3.440	3.357	89.4	51.0	39.0
April ...	0.131	0.166	2	0.003	0.035	0.038	239.5	58.4	36.8
May ...	1.415	1.474	12	0.007	0.017	0.034	177.0	64.7	45.2
June ...	3.139	3.284	16	0.514	0.547	0.508	194.1	65.8	49.0
July ...	3.225	3.354	14	1.134	1.174	1.079	151.0	70.4	53.4
August ...	6.277	6.528	27	4.165	4.112	4.001	98.9	62.4	49.0
Sept. ...	2.528	2.718	10	1.639	1.523	1.500	101.5	59.4	44.8
Oct. ...	2.632	2.744	14	1.895	1.866	1.867	135.4	56.1	36.9
Nov. ...	2.407	2.517	14	1.936	1.988	1.961	39.9	48.1	36.5
Dec. ...	3.263	3.423	23	3.109	3.046	3.044	30.4	49.9	37.9
Total or Mean	34.904	36.592	188	23.334	23.259	22.825	1337.5	56.3	41.4

### MANGOLDS, BARN FIELD, 1912.

(See "Guide," 1906, page 11, Table VI.)

Strip.	Strip Manures.	Cross Dressings.				
		O.	N.	A.	A.C.	C.
		None.	Nitrate of Soda.	Ammonium Salts.	Rape Cake & Ammonium Salts.	Rape Cake.
		Tons.	Tons.	Tons.	Tons.	Tons.
1	Dung only ...	(R. <b>16.91</b> (L. 4.20)	<b>29.38</b> 6.79	<b>24.51</b> 7.47	<b>25.76</b> 9.00	<b>23.75</b> 7.43
2	Dung, Super, Potash	(R. <b>18.51</b> (L. 4.37)	<b>29.92</b> 7.87	<b>27.85</b> 8.42	<b>31.80</b> 10.35	<b>28.39</b> 7.67
4	Complete Minerals	(R. <b>2.62</b> (L. 1.05)	( <b>15.25</b> ) ( <b>15.05</b> ) ( 4.33 ) ( 5.23 )	<b>10.78</b> 2.96	<b>27.99</b> 9.20	<b>21.53</b> 4.83
5	Superphosphate only	(R. <b>2.10</b> (L. 1.04)	<b>9.46</b> 3.48	<b>3.14</b> 2.54	<b>8.63</b> 5.17	<b>9.10</b> 3.78
6	Super and Potash	(R. <b>2.13</b> (L. 0.86)	<b>12.22</b> 3.28	<b>10.30</b> 2.98	<b>24.36</b> 8.50	<b>19.20</b> 3.68
7	Super, Sulph. Mag. & Chloride Sodium	(R. <b>2.04</b> (L. 0.97)	<b>13.03</b> 3.73	<b>11.12</b> 3.14	<b>24.00</b> 8.46	<b>21.27</b> 4.90
8	None ...	(R. <b>1.14</b> (L. 0.88)	<b>4.10</b> 2.70	<b>1.48</b> 1.52	<b>8.82</b> 5.20	<b>9.07</b> 3.93

R = roots. L = leaves. Tons per acre in all cases.