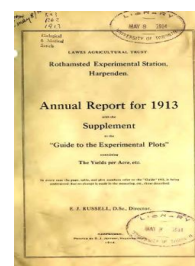


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Annual Report for 1913 With the Supplements to the Guide to the Experimental Plots Containing the Yields per Acre, Etc.



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Meteorological Records 1913 - Mangolds Barn Field 1913

Rothamsted Research

Rothamsted Research (1914) *Meteorological Records 1913 - Mangolds Barn Field 1913* ; Annual Report For 1913 With The Supplements To The Guide To The Experimental Plots Containing The Yields Per Acre, Etc., pp 25 - 25 - DOI: <https://doi.org/10.23637/ERADOC-1-115>

METEOROLOGICAL RECORDS, 1913.

(See "Guide," 1913, page 18, Table IX.)

| | Rain. | | | Drainage through soil. | | | Bright Sunshine. | Temperature. | | |
|---------------|----------------------|------------------------------|--------------------|------------------------|---------------|---------------|------------------|--------------|------|------|
| | Total Fall. | | No. of Rainy Days. | 20 ins. deep. | 40 ins. deep. | 60 ins. deep. | | Hours. | Max. | Min. |
| | 5-inch Funnel Gauge. | $\frac{1}{1000}$ Acre Gauge. | | | | | | | | |
| | Inches. | Inches. | No. | Inches. | Inches. | Inches. | | F. | F. | |
| Jan. ... | 3.163 | 3.360 | 21 | 3.046 | 3.115 | 3.124 | 35.4 | 45.4 | 33.9 | |
| Feb. ... | 0.953 | 1.004 | 13 | 0.658 | 0.767 | 0.785 | 57.4 | 46.3 | 33.4 | |
| March ... | 2.406 | 2.518 | 21 | 0.833 | 0.891 | 0.886 | 103.0 | 50.9 | 36.1 | |
| April ... | 3.043 | 3.163 | 20 | 1.409 | 1.528 | 1.537 | 117.0 | 53.5 | 38.2 | |
| May ... | 1.721 | 1.806 | 12 | 0.748 | 0.880 | 0.836 | 206.9 | 62.8 | 43.8 | |
| June ... | 1.145 | 1.200 | 8 | 0.003 | 0.021 | 0.025 | 205.6 | 67.1 | 48.1 | |
| July ... | 1.190 | 1.291 | 12 | — | 0.001 | 0.001 | 93.0 | 65.5 | 49.9 | |
| August ... | 1.444 | 1.576 | 10 | — | — | — | 152.8 | 68.6 | 50.7 | |
| Sept. ... | 1.380 | 1.496 | 11 | 0.181 | 0.162 | 0.124 | 124.0 | 65.7 | 49.6 | |
| Oct. ... | 3.382 | 3.494 | 18 | 2.249 | 2.082 | 2.026 | 106.3 | 58.6 | 45.2 | |
| Nov. ... | 2.863 | 2.944 | 21 | 2.422 | 2.372 | 2.283 | 92.9 | 53.2 | 38.7 | |
| Dec. ... | 0.786 | 0.872 | 14 | 0.379 | 0.360 | 0.302 | 42.5 | 45.0 | 35.8 | |
| Total or Mean | 23.476 | 24.724 | 181 | 11.928 | 12.179 | 11.929 | 1336.8 | 56.9 | 42.0 | |

For dates of sowing, etc., see page 23.

MANGOLDS, BARN FIELD, 1913.

(See "Guide," 1913, page 13, 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. 18.27 L. 4.71) | 29.05 7.48 | 22.19 7.25 | 22.83 7.26 | 21.32 6.14 |
| 2 | Dung, Super, Potash | (R. 18.88 L. 4.53) | 28.36 7.93 | 29.28 8.23 | 30.25 10.22 | 27.96 7.25 |
| 4 | Complete Minerals | (R. 4.24 L. 1.47) | (18.25) (18.65) 6.59 7.62 | 13.39 4.53 | 27.36 8.84 | 21.98 5.24 |
| 5 | Superphosphate only | (R. 4.06 L. 1.44) | 17.38 5.21 | 5.10 4.10 | 6.73 5.08 | 8.25 4.55 |
| 6 | Super and Potash | (R. 3.08 L. 1.43) | 14.34 5.90 | 10.79 5.30 | 19.52 8.78 | 16.52 4.92 |
| 7 | Super, Sulph. Mag. & Chloride Sodium | (R. 3.90 L. 1.51) | 17.06 6.33 | 13.48 5.59 | 20.89 8.12 | 20.02 5.34 |
| 8 | None ... | (R. 3.08 L. 1.21) | 11.39 5.78 | 4.42 3.97 | 5.76 4.29 | 7.25 4.15 |

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