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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

18

METEOROLOGICAL RECORDS, 1912

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

	Rain.							,	
	Total Fall.		No. of Rainy Days.	Drainage through soil.			Bright Sun- shine	Temperature.	
	5-inch Funnel Gauge.	1000 Acre Gauge.	1000 Acre Gauge.	20 ins. deep.	40 ins. deep.	60 ins. deep.		Max.	Min.
Jan Feb March April May June July August Sept Oct Nov Dec	Inches. 3.738 2.008 4.141 0.131 1.415 3.139 3.225 6.277 2.528 2.632 2.407 3.263	Inches. 3 886 2 210 4 288 0 166 1 474 3 284 3 354 6 528 2 718 2 744 2 517 3 423	No. 18 17 21 2 12 16 14 27 10 14 14 23	Inches. 3 '684 1 '825 3 '423 0 '003 0 '007 0 '514 1 '134 4 '165 1 '639 1 '895 1 '936 3 '109	Inches. 3:636 1:875 3:440 0:035 0:017 0:547 1:174 4:112 1:523 1:866 1:988 3:046	Inches. 3:582 1:854 3:357 0:038 0:034 0:508 1:079 4:001 1:500 1:867 1:961 3:044	Hours. 41.2 39.2 89.4 239.5 177.0 194.1 151.0 98.9 101.5 135.4 39.9 30.4	°F. 43.0 46.9 51.0 58.4 64.7 65.8 70.4 62.4 59.4 56.1 48.1 49.9	°F. 33.4 35.4 39.0 36.8 45.2 49.0 53.4 49.0 44.8 36.9 36.5 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.)

1		Cross Dressings.							
Strin	Strip	Ο.	N.	A.,	A.C.	C.			
Strip.	Manures.	None.	Nitrate of Soda.	Ammonium Salts.	Rape Cake & Ammonium Salts.	Rape Cake.			
1	Dung only	Tons. (R. 16 91 (L. 4 20	Tons. 29·38 6·79	Tons. 24·51 7·47	Tons. 25.76 9.00	Tons. 23 75 7 43			
2	Dung, Super, Potash	(R. 18 51 (L. 4 37	29·92 7·87	27:85 8:42	31·80 10·35	28·39 7·67			
4	Complete Minerals	(R. 2.62 (L. 1.05	(15 25) (15 05) (4 33) (5 23)	10·78 2·96	27·99 9·20	21·53 4·83			
5	Superphosphate only	(R. 2 10 (L. 1 04	9·46 3·48	3·14 2·54	8.63 5.17	9·10 3·78			
6	Super and Potash	(R. 2 ·13 (L. 0·86	12·22 3·28	10:30 2:98	24·36 . 8·50	19 20 3 68			
7	Super, Sulph. Mag.&Chloride Sodium	(R. 2.04 (L. 0.97	1 3·03 3·73	11·12 3·14	24 00 8 46	21·27 4·90			
8	None	(R. 1.14 (L. 0.88	4·10 2·70	1·48 1·52	8.82 5.20	9·07 3·93			

R = roots.

L = leaves.

Tons per acre in all cases.

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