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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

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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.