

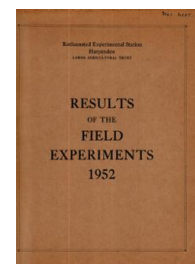
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Yields of the Field Experiments 1952

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52/A/4 Barnfield - Mangolds and Sugar Beet - Rothamsted

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Rothamsted Research (1953) *52/A/4 Barnfield - Mangolds and Sugar Beet - Rothamsted* ; Yields Of The Field Experiments 1952, pp 7 - 8 - DOI: <https://doi.org/10.23637/ERADOC-1-178>

52/A/4.1

MANGOLDS AND SUGAR BEET - BARNFIELD 1952

The 77th and 7th years

For history, details of treatments etc, see "Results of the Field Experiments 1939-47".

Cultivations, etc.: Dung applied: Dec 13, 1951. Ploughed: Feb 13, 1952. Fertilizers applied: Apr 23. Seed drilled, mangolds - 9 lb per acre, sugar beet - 18 lb per acre: Apr 28. Sprayed with DDT emulsion: May 19 and again May 23. Singling commenced: June 18. Top dressings applied: July 8. Mangolds lifted: Nov 11 - Dec 20. Sugar beet lifted: Dec 22-30. Varieties: Mangolds - Yellow Globe, sugar beet - Klein E.

Summary of Results

Strip	Cross Dressings				
	O	N	A	AC	G
Mangolds, Roots: tons per acre					
1	4.89	19.69	17.42	18.10	17.89
2	10.10	24.97	19.33	24.15	21.02
4	2.29	(a) 15.23 (b) 18.54	9.45	14.56	16.94
5	1.72	15.15	6.21	8.06	10.96
6	1.51	13.65	8.91	15.46	15.07
7	1.26	14.66	11.92	18.98	15.90
8	0.87	6.75	4.75	2.41	4.60
9	10.19				
Mangolds, Leaves: tons per acre					
1	1.47	6.41	5.72	4.82	5.43
2	3.23	7.39	6.09	6.36	4.45
4	0.98	(a) 4.65 (b) 6.16	3.03	5.92	5.36
5	0.42	4.84	2.84	3.94	5.04
6	0.37	3.47	3.45	6.75	5.38
7	0.42	2.48	3.16	7.49	4.16
8	0.71	2.08	2.03	1.27	2.98
9	3.18				

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Strip	Cross-Dressings				
	O	N	A	AC	C

Sugar Beet, Roots: tons per acre

1	7.44	15.31	13.02	13.41	15.02
2	6.17	13.65	8.42	10.76	14.43
4	1.81	(b) 11.60	8.37	13.31	11.94
5	1.22	9.64	3.91	5.38	7.05
6	1.17	8.12	6.90	11.35	9.20
7	0.87	10.42	9.20	13.26	9.54
8	1.27	5.87	5.28	6.07	5.38

Sugar Beet, Tops: tons per acre

1	4.11	11.01	15.17	15.76	7.19
2	3.57	12.87	8.61	12.48	10.23
4	0.98	(b) 9.83	5.68	11.06	8.71
5	1.17	6.75	3.96	7.83	6.61
6	1.17	7.83	5.43	13.90	6.46
7	1.03	9.74	6.21	17.57	9.30
8	1.47	6.85	6.65	9.64	8.51