

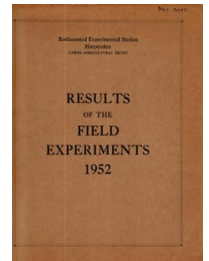
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1952

[Full Table of Content](#)



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

Rothamsted Research

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	9.45	14.56	16.94
		(b) 18.54			
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	3.03	5.92	5.36
		(b) 6.16			
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	2.46	3.16	7.49	4.16
8	0.71	2.08	2.03	1.27	2.98
9	3.18				

52/A/4-2

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