

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 1951

[Full Table of Content](#)



51/A/4 Barnfield - Mangolds and Sugar Beet

Rothamsted Research

Rothamsted Research (1952) *51/A/4 Barnfield - Mangolds and Sugar Beet* ; Yields Of The Field Experiments 1951, pp 7 - 8 - DOI: <https://doi.org/10.23637/ERADOC-1-171>

51/A/4.1

MANGOLDS AND SUGAR BEET - BARNFIELD 1951

The 76th and 6th years

For details of treatments etc see Appendix 7, 1950

Cultivations, etc:

Dung applied: Dec 29. Ploughed: Mar 6. Fertilizer applied: May 23. Seed drilled, mangolds - 9 lb per acre, sugar beet - 18 lb per acre: May 26. Singling commenced: June 27. Top dressings applied: July 19. Mangolds lifted: Nov 23. Sugar beet lifted: Dec 8. Varieties: mangolds - Yellow Globe, sugar beet - Klein E. Seed treated with phenol and magnesium sulphate.

Summary of Results

Yields: tons per acre

Cross Dressings

Strip	O	N	A	AC	G
Mangolds: Roots					
1	4.34	15.35	13.23	17.04	16.21
2	5.33	16.57	13.49	18.97	16.65
4	2.19	(a) 11.99	8.13	9.95	12.04
		(b) 13.87			
5	1.89	11.81	5.10	3.25	4.63
6	1.68	11.03	9.69	11.19	10.68
7	2.11	11.56	10.78	12.26	12.13
8	0.89	5.71	1.88	2.35	4.06
9	7.25				
Mangolds: Leaves					
1	1.27	3.94	3.77	5.46	4.21
2	2.10	4.55	3.77	5.02	4.70
4	1.49	(a) 4.75	3.50	3.72	4.72
		(b) 4.94			
5	1.05	3.77	1.88	2.52	3.47
6	1.03	3.77	3.94	4.70	4.57
7	1.15	3.62	4.31	5.97	4.72
8	0.59	3.62	1.52	2.32	2.76
9	4.89				

51/A/4.2

Yields: tons per acre

Cross Dressings

Strip	O	N	A	AC	C
Sugar Beet: Roots					
1	5.31	6.19	9.53	9.49	10.28
2	2.62	8.75	5.86	6.21	7.54
4	1.26	(b) 5.04	5.80	7.95	6.79
5	0.83	4.94	3.28	3.18	2.97
6	1.22	4.65	7.11	6.85	6.74
7	1.30	6.58	7.56	6.67	6.30
8	1.10	4.55	2.84	3.77	3.02
Sugar Beet: Tops					
1	5.04	11.99	11.69	13.55	11.99
2	2.59	11.60	5.04	7.98	9.00
4	6.61	(b) 5.43	8.46	13.01	9.44
5	5.97	6.56	3.96	6.17	4.06
6	6.26	4.60	8.37	9.59	7.88
7	6.51	8.02	7.98	12.28	10.32
8	7.14	7.49	4.16	6.51	5.68