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Yields of the Field Experiments 1950

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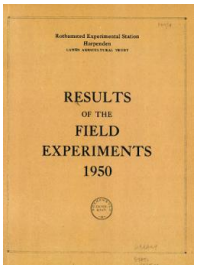

50/A/4 Barnfield - Mangolds and Sugar Beet

Rothamsted Research

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MANGOLDS AND SUGAR BEET - BARNFIELD 1950

For details of treatments etc. see Appendix Y.

Cultivations, etc.:
Dung applied: Nov 14-16. Ploughed: Nov 17-19, and again Mar 13. Disc harrowed: Mar 31 and again Apr 13. Fertilizers applied: Apr 24-27. Harrowed twice, rolled, mangolds drilled and harrowed in: Apr 28. Sugar beet drilled and harrowed in: Apr 29. Rolled: Apr 29 - May 1. Hoed: May 6-9 and June 23-28. Singled: various days, June 23 - July 8. Top dressings applied: July 8 and 12. Hoed: various days, July 13 - Aug 4. Sugar beet lifted: Nov 22-24. Mangolds lifted: Nov 22-30. Varieties: Mangolds - Yellow Globe, sugar beet - Klein E.

Summary of Results

Yields: tons per acre

Strip	O	Cross Dressings N	A	AC	C
		Mangolds: Roots			
1	6.10	17.88	18.30	22.20	17.39
2	10.52	24.27	25.18	26.99	23.16
4	0.97	(a) 11.00 (b) 9.94	8.56	14.48	13.42
5	1.60	9.35	6.05	9.93	7.39
6	1.08	11.79	10.50	18.72	10.55
7	1.48	10.26	9.48	18.46	10.05
8	1.11	5.68	4.94	10.36	6.49
9	7.05				
		Mangolds: Leaves			
1	0.86	2.72	4.09	4.99	2.32
2	2.42	4.18	5.36	5.24	4.04
4	0.59	(a) 2.94 (b) 3.42	3.47	3.08	2.74
5	0.42	2.52	2.94	3.45	2.94
6	0.59	2.42	2.32	4.94	2.79
7	0.44	2.57	3.28	4.77	3.03
8	0.51	2.20	2.42	2.81	2.35
9	3.20				

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Yields: tons per acre

Strip	0	Cross Dressings N	A	AC	C
		Sugar Beet: Roots			
1	8.51	16.05	16.29	16.73	15.95
2	7.58	14.83	12.57	16.44	13.55
4	1.21	(b) 9.79	12.43	16.68	13.70
5	1.44	7.39	7.98	12.18	10.03
6	1.31	5.87	9.93	14.73	10.72
7	1.32	8.22	10.52	14.92	9.93
8	0.83	6.80	5.97	9.49	7.54
		Sugar Beet: Leaves			
1	6.46	12.87	15.46	17.71	14.73
2	7.14	13.06	12.48	16.49	12.04
4	0.78	(b) 8.02	6.70	11.74	8.71
5	1.52	5.14	6.07	12.18	7.63
6	0.73	8.76	7.63	14.48	9.10
7	0.78	6.80	9.88	19.96	10.47
8	1.71	6.85	7.29	12.43	7.83