

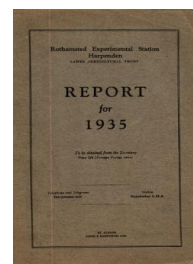
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Report for 1935

[Full Table of Content](#)



Abbreviated List of the Field Experiments

Rothamsted Research

Rothamsted Research (1936) *Abbreviated List of the Field Experiments* ; Report For 1935, pp 276 - 277 - DOI: <https://doi.org/10.23637/ERADOC-1-67>

ABBREVIATED LIST OF THE FIELD EXPERIMENTS

	Page
Notes on the construction and use of the summary tables	142-145
Chemical analysis of manures used in replicated experiments	146-147
Average wheat yields of various countries	147
Conversion tables	147
Meteorological records	148
Classical Experiments	
Rotation.—Agdell	149
Wheat after fallow.—Hoosfield	150
Mangolds.—Barnfield (Failed)	—
Hay.—Park Grass	151
Botanical composition—1935	152-153
Wheat.—Broadbalk	154-155
Sampling for Root-rots	156
Barley.—Hoosfield	157
Modern Long Term Experiments	
Four Course Rotation.—Residual values of humic and phosphatic fertilisers ..	158-160
Six Course Rotation, Rothamsted and Woburn.—Seasonal effects of N, P ₂ O ₅ and K ₂ O	161-166
Three Course Rotation.—Utilisation of straw and green manuring. Effect of ploughing in straw, and of winter green manure crops	167-169
Three Course Rotation.—Effects of various types and depths of cultivation. The use of cyanamide as a weed-killer	170-174
Three Course Rotation, 1933 : Green manure crops : green weights	174
Short Term Experiments.—Rothamsted	
Wheat.—Sulphate of ammonia applied at five different times	175
Spring Oats.—“Cymag,” carbon disulphide jelly, chlordinitrobenzene and “seekay” as controls of eelworm infestation	176-178
Potatoes.—Dung, sulphate of ammonia and minerals at two times of application ..	179-181
Sugar Beet.—Time of sowing, spacing, sulphate of ammonia	182-184
Sugar beet.—Salt at two times of application, dung, additional heavy rolling, intensive inter-row cultivation	185-187
Sugar beet.—Chlorpicrin, chlordinitrobenzene, “Seekay” and “Cymag” as controls of wireworm infestation	188-190
Brussels sprouts.—Sulphate of ammonia, poultry manure, soot and rape dust ..	191
Beans.—Dung, nitrochalk, superphosphate, muriate of potash, spacing	192-193
Short Term Experiments.—Woburn	
Wheat.—Sulphate of ammonia applied at five different times	194
Sugar beet.—Time of sowing, spacing, sulphate of ammonia	195-197
Kale.—Residual effect of lupins as green manure	198
Carrots.—Sulphate of ammonia, poultry manure, soot and rape dust	199-200
Pyrethrum.—Lime, fish manure, artificials. Application in first year and in every year	201-202
Animal Husbandry Experiments	
Pigs.—Four levels of feeding, size of pen	203-205
Pigs.—Minimal v. liberal green food, exercise, fine v. coarse grinding of food, limited v. ad lib. feeding	206-208

Summaries of Groups of Experiments		Page
Experiments on poultry manure		209-216
Sugar beet fertiliser experiments, factory series .. .		217-252
Experiments at Outside Centres		
Barley.	Wye, Kent.—S/A and nitrochalk, P	253
Potatoes.	Thorney, Cambs.—N (0, 1, 2), P (0, 1, 2), K (0, 1, 2)	254
	Mepal, Ely, Cambs.—N (0, 1, 2), P (0, 1, 2), K (0, 1, 2)	255
	Little Downham, Ely, Cambs.—N (0, 1, 2), P (0, 1, 2), K (0, 1, 2)	256
	March, Cambs.—N (0, 1, 2), P (0, 1, 2) K (0, 1, 2)	257
	Wisbech, Cambs.—N (0, 1, 2), P (0, 1, 2), K (0, 1, 2)	258
	Wimblington, Cambs.—N, P, K, Dung	258-259
Sugar beet.	Tunstall, Suffolk.—Residuals of chalk (0, 1, 2, 3, 4)	259
Celery.	Mepal, Ely, Cambs.—P, K, Salt	260
Experiments carried out by Local Workers		
Hay.	St. Albans, Herts.—Residuals of K, phosphates	261
	Barnet, Herts.—Residuals of K, chalk, phosphates	261
	Bakewell, Derby.—N, P, K	262
	Bakewell, Derby.—Artificial and compost, direct and residual effects	262
	Clipstone, Mansfield, Notts.—K (0, 1, 2), limestone (0, 1, 2)	263
	Stevenage, Herts.—Chalk (0, 1, 2, 4, 6)	263
Wheat.	St. Albans, Herts.—Phosphates (0, 1, 2)	264
Potatoes.	Cadishead, Lancs.—P, basic slag	264
	Loughborough, Leicester.—N (0, 1, 2), K (0, 1, 2)	265
	Loughborough, Leicester.—Mixed fertiliser (0, 1, 2, 3)	265
	Catchwater, Messingham, Lincs.—Mixed fertiliser (0, 1, 2, 3, 4)	266
	Grayingham, Lincs.—Mixed fertiliser (0, 1, 2, 3, 4)	266
	Kelfield, Owston Ferry, Lincs.—K (0, 1, 2, 3)	267
Sugar beet.	Scotter, Gainsborough, Lincs.—4 widths of singling	267
	Boston, Lincs.—4 widths of singling	268
	Snitterby, Lincs.—Mixed artificials (0, 1, 2, 3), N, time of lifting	268-269
	Melton Ross, Barnetby, Lincs.—Treatment of bolters	270
	Tumby Wood Side, Lincs.—S/A, nitrochalk, P, basic slag	270-271
	Kirmington, Ulceby, Lincs.—P, K	271
	Bardney and Brigg, Lincs.—N/S, N.Pot. applied at seeding and singling	272
	Mattersey, Doncaster, Lincs.—K, Salt	272-273
	Billinghay, Lincs.—N/S, N.Pot.	273
	Newton-on-Trent, Lincs.—N, K, N.Pot.	274
Kale.	Oxcroft, Derby.—N (0, 1, 2), P	274
	Loughborough, Leicester.—Nitrochalk (0, 1, 2), thinning	275

NOTE.—N denotes sulphate of ammonia or nitrate of soda, P denotes superphosphate, and K denotes any potash fertiliser.