

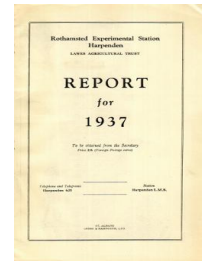
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Dates of Sowing and Harvesting, and Yield per Acre, 1937/DATES of Operation and Yields, Rothamsted

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DATES OF SOWING AND HARVESTING, AND YIELD PER ACRE, ROTHAMSTED, 1937

Field	Crop	Variety	Principal Cultivations and Dates	Manuring per acre	Sowing Dates	Cutting Dates	Carting Dates	Yield per acre
Arable Great Knott	Annual Experiments and Kale	Marrow Stem	T. cultivated both ways Sept. 25. H. ploughed April 7. T. rolled and spring harrowed twice June 2 and June 11. H. harrowed June 16. H. rolled, drilled, harrowed and rolled in kale at 4½ lb. per acre June 7. H. hoed July 19. Commenced folding Sept. 14.	June 30 3 cwt. nitro-chalk July 22 2 cwt. sulphate of ammonia	June 17	—	—	15 tons
	and Wheat	Red Marvel	T. cultivated both ways Sept. 25. H. ploughed Nov. 25. T. spring tine harrowed April 9. Drilled and harrowed in wheat at 3 bush. per acre April 12.	April 27 1 cwt. sulphate of ammonia	April 12	August 30	Sept. 2	6 cwt.
	Oats	Star and headlands Marvellous	T. cultivated Oct. 7. Commenced H. ploughing Jan. 7. Finished H. ploughing Mar. 5. T. spring tine harrow Mar. 26. H. harrow and drill oats at 4 bush. per acre April 12. Area under potatoes 1936 undersown with Montgomery Late Flowering Red Clover at 20 lb. per acre May 25.	April 13 1 cwt. sulphate of ammonia	April 12	August 16	August 31	19 cwt.
Fosters	Barley, and Kale and Ley Experiments	Plumage Archer	H. ploughed March 5-April 6. T. spring tine harrowed and disced April 12. H. harrow and drill barley at 3 bush. per acre April 23. H. ring roll April 26.	May 20 1 cwt. sulphate of ammonia	April 23	Sept. 3	Sept. 7	11 cwt.
Little Hoos	Kale	Marrow Stem and Thousand Head	T. ploughed May 19. T. rolled and spring tine harrowed three times May 28-June 12. H. harrow and drill at 4½ lb. per acre. H. harrow and ring roll June 15. H. hoe July 14 and Aug 9. Commence folding ewes Sept. 20.	June 22 2½ cwt. nitro-chalk July 22 2½ cwt. nitro-chalk	June 15	Sheep folded	—	20 tons

DATES OF SOWING AND HARVESTING, AND YIELD PER ACRE, ROTHAMSTED, 1937 (Continued)

Field	Crop	Variety	Principal Cultivations and Dates	Manuring per acre	Sowing Dates	Cutting Dates	Carting Dates	Yield per acre
Pennell's Piece	Wheat	Victor	H. ploughed Sept. 28. H. harrowed Oct. 24. H. spring time harrowed twice Nov. 10 and Nov. 23. H. harrowed, drilled and harrowed in wheat at 3 bush. per acre Nov. 24.	—	Nov. 24	August 16	August 24	18 cwt.
Pastures	Wheat	Victor	T. ploughed Oct. 9. Long stubble harrowed up, collected and carted off Oct. 12. T. spring time harrowed Oct. 19. T. rolled and harrowed Oct. 20. H. harrowed, drilled and harrowed in wheat at 3 bush. per acre Oct. 22.	May 15 1 cwt. sulphate of ammonia	Oct. 22	August 16	August 25	15 cwt.
Long Hoos I, II, III	Wheat (3½ acres)	Victor	Spread dung after rye, Sept. 26. Commenced H. ploughing Sept. 28. Finished H. ploughing Oct. 14. T. spring time harrowed Oct. 15. H. harrowed Oct. 16. Drilled and harrowed in wheat at 3 bushels per acre Oct. 18. Cut kale stalks April 22. T. ploughed April 22—May 1. T. disced, rolled and spring time harrowed three times April 27—May 7. H. harrowed and rolled May 7. Drilled and harrowed in barley at 3 bushels per acre May 10. H. ring rolled June 4.	—	Oct. 18	August 10	August 24	18 cwt.
	and Barley (8½ acres)	Abed Kenia		—	May 10	Sept. 2	Sept. 8	17 cwt.
Harwood's Piece	Wheat	Rivett	T. ploughed Oct. 15. T. spring time harrowed Oct. 22. H. harrowed Oct. 30. Drilled and harrowed in wheat at 3 bushels per acre Nov. 10 Crop failed. T. ploughed in wheat June 5. T. cultivated July 13 and Aug. 4. T. thistlebarred Sept. 11.	—	Nov. 10	—	—	—

DATES OF SOWING AND HARVESTING, AND YIELD PER ACRE, ROTHAMSTED, 1937 (Continued)

Field	Crop	Variety	Principal Cultivations and Dates	Manuring per acre	Sowing Dates	Cutting Dates	Carting Dates	Yield per acre
Bone's Close	Barley	Plumage Archer	T. cultivated in autumn. T. spring tine harrowed twice April 26. H. harrowed, drilled and harrowed in barley at 3 bushels per acre April 27.	—	April 27	Sept. 23	Oct. 1	4 cwt
<i>Grassland:</i> Great Field I II III	Grazed Grazed Grazed	Old Pasture Ditto Ditto	Topped June 17. Topped July. Topped July 5.	— — —	— — —	— — —	— — —	— — —
Little Knott I and II	Grazed	See Report 1931		—	See Report 1931	—	—	—
Great Knott I	Hay after late grazing	Ditto		—	Ditto	June 28	July 8	27 cwt.
II	Hay	Ditto		—	Ditto	June 30 June 24	July 8 July 5	27 cwt. 27 cwt.
West Barnfield I and II	Hay after grazing	Ditto		—	Ditto	—	—	—
Foster's Corner	Grazed	Ditto	Topped June 26.	—	Ditto	—	—	—
Great Harpenden	Grazed	Ditto	Topped June 21.	—	Ditto	—	—	—
Stackyard	Grazed	Ditto	Topped July 6.	—	Ditto	—	—	—
New Zealand	Grazed	Ditto	Topped June 18. Nettles cut Aug. 3.	—	Ditto	—	—	—
Sawyers I	Hay after grazing	Ditto		—	Ditto	June 22	June 29	27 cwt.
II	Hay	Ditto		—	Ditto	June 22	June 29	27 cwt.
III	Grazed	Ditto		—	Ditto	—	—	—
Hill Harpenden	Grazed	Old Pasture	Topped June 23. Topped June 14.	—	—	—	—	—
Delharding	Grazed	Ditto	T. chain harrowed both ways April 20. Topped June 16. Nettles cut Aug. 3.	—	—	—	—	—
High Field	Grazed	Ditto	T. chain harrowed both ways April 20. Topped July 7.	Half of each plot 10 cwt. basic slag.	—	—	—	—
Appletree	R.A.S.E. experiment Hay	Ditto		—	—	July 1	July 13	30 cwt.