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## Report for 1935

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## Dates of Operations and Yields , Rothamsted

### Rothamsted Research

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**DATES OF SOWING AND HARVESTING, AND YIELD PER ACRE, ROTHAMSTED, 1935**

(The cultivations and manurings of the replicated experiments are given in the appropriate yield tables)

Field	Crop	Variety	Principal Cultivations and Dates	Manuring per acre	Sowing Dates	Cutting Dates	Carting Dates	Yield per acre
Great Knott	Beans	Winter	T. Cultivate barley stubble both ways, Sept. 1, 5 and 12; harrow, Oct. 1; harrow and plough in seed at 3½ bushels per acre, Oct. 2 and 3. Own seed from 1934 crop; Beans harrowed twice across the rows, March 19 and 20.	None	Oct. 2 and 3	Aug. 2	Sept. 3	10 cwt.
Great Harpenden	Wheat	Victor	Ewes run on bean stubble; T. Wilder harrowed; Sept. 8-10 and T. thistlebar. H. harrowed and own seed drilled Oct. 26 at 3 bushels per acre with precision drill; harrowed in Oct. 27.	March 20, 21 1 cwt. sulphate of ammonia per acre	Oct. 26	Aug. 6	Aug. 28 Sept. 9 Cart Linseed	Linseed 7 cwt.
Fosters	Barley	Plumage Archer	Feb. 11, Little Joss sown and harrowed in Feb. 12. May 17, Linseed sown at 1½ bushels per acre where spring wheat failed. Started H. plough N. side after sheep on Kale, Feb. 13-Mar. 5. Brusselsroots ploughed out with beet lifter and ploughing continued. March 7 and 13 Spring-tine harrow. Mar. 15 and 16, harrow and drill barley on N half, harrowed and ring rolled, March 16. March 28-30, T and H. plough S. side. H. harrowed and drilled; ring rolled April 2; harrowed April 4.	None	March 14 and 30	Aug. 10	Aug. 22	20 cwt.
Little Hoos Pennell's Piece	Wheat	Danish Steel Monarch	Annual Expts. Aug. 27-28, H. ploughed 5 inches deep. Oct. 16, T. cultivated; Oct. 24, H. harrowed; Nov. 2, 1934, drilled and harrowed in.	April 2, 1 cwt. sulphate of ammonia	Nov. 2, 1934	Aug. 8	Sept. 1	17 cwt.



DATES OF SOWING AND HARVESTING, AND YIELD PER ACRE, ROTHAMSTED, 1935 (Continued)

Field	Crop.	Variety	Principal Cultivations and Dates	Manuring per acre	Sowing Dates	Cutting Dates	Carting Dates	Yield per acre
Pastures	Kale	Marrow Stem	Aug. 28, T. cultivate both ways. Sept. 7, T. Wilder harrow across. Sept. 10, weeds harrowed and burnt. Sept. 17-22, F.Y.M. carted at 25 tons per acre. March 22-25, T. plough N. side and T. cultivate, March 26. T. cultivate, April 24. T. roll and harrow, April 29. April 30, H. ring roll. Kale drilled at 4 lbs. per acre. May 1, H. harrow and roll. Horse-hoed throughout season.	F.Y.M. 25 tons per acre, Sept. 17. 2 cwt. sulphate of ammonia, May 2	May 2	—	—	15 tons
Long Hoos, I, II, and III.	Spring Oats	Marvellous	T. and H. plough, Feb. 2, 5, 7. Feb. 19, cross cultivated. Spring-tine harrowed, Feb. 21 and March 6. Oats drilled at 4 bushels per acre, March 7, after harrowing, with harrow and ring roll to follow. April 23, H. ring rolled. May 2, seeds mixture sown. Hand hoeing, June 11	14 cwt. sulphate of Ammonia, Mar. 18	March 7 and 12	July 31	Aug. 19	25 cwt.
Harwood's Piece	Kale	Thousand head	T. thistlebar Oct. 13, and T. cultivate both ways, Oct. 27 and 29. T. plough and pick docks, March 18-21. T. cultivate, April 25. T. roll and harrow, April 30. May 2. T. harrow and roll for seed bed. Kale drilled and H. rolled and harrowed in, May 3. H. hoeing, July 8, 9, 10. Pull docks and charlock, July 31. Started folding tegs, Oct. E. strip 1/4 acres was sold for human consumption	Adco powder at 3 cwt. May 20, also June 3. 2 cwt. sulphate of ammonia July 26	May 3 at 5 lbs. per acre	Sheep folded	—	12 tons



DATES OF SOWING AND HARVESTING, AND YIELD PER ACRE, ROTHAMSTED, 1935 (Continued)

Field	Crop	Variety	Principal Cultivations and Dates	Manuring per acre	Sowing Dates	Cutting Dates	Carting Dates	Yield per acre
<i>Grassland</i> Great Field I.	Grazed	Old Pasture	T. chain harrowed and rolled, March 8	None	—	—	—	—
	Hay after grazing	Ditto	T. chain harrowed and rolled, March 8	Ditto	—	June 29	July 4	} 38 cwt.
	Ditto	Ditto	T. chain harrowed and rolled, March 8	Ditto	—	Ditto	Ditto	
Little Knott, I. and II. Great Knott I.	Hay after late grazing	See Report 1931	Heavy grazing by cattle, sheep and pigs	None	See report 1931	July 16	July 20	15 cwt. approx.
	Hay	Ditto	T. chain harrowed, April 15. Stones picked off and I. put up for hay	1 cwt. sulphate of ammonia in April	Ditto	July 5	July 8	32 cwt.
West Barnfield I and II.	Hay after grazing	Ditto	Ditto	None	Ditto	Ditto	Ditto	Ditto
	Ditto	Ditto	H. harrowed Feb. 18, T. harrowed, March 4th Topped July	None	Ditto	July 9	July 12	28½ cwt.
Foster's Corner Great Harpenden	Grazed	Ditto	T. harrowed with chain harrow, March 7	None	Ditto	—	—	—
	Grazed	Ditto	Chain harrowed April 5. T. rolled April 22	None	Ditto	July 15	—	Small
Stackyard	Hay	Ditto	Nettles and hedgerows scythed	1 cwt. sulphate of ammonia, April 15	Ditto	June 22	June 28	30 cwt.
	Hay after grazing	Ditto	Chain harrowed, March 5, 6, 7, and II. put up for hay, April 26. Stones picked off. III. topped and hay added to II.	None	Ditto	July 13	July 18	22 cwt.
New Zealand Sawyers, I. II. III.	Grazed	Old Pasture	T. chain harrowed, April 15, and rolled. Topped in summer.	None	—	June 25	June 29	24 cwt.
	Ditto	Ditto	Double tine and chain harrow, April 5 to 9. Topped and raked, July 25 and Aug. 3.	Ditto	—	Ditto	—	—
Hill Harpenden Delharding High Field	Grazed	Ditto	Ditto	None	—	June 20	—	—
	Grazed	Ditto	Ditto	Ditto	—	Ditto	—	—