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## Rothamsted Report for 1932

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### Dates of Operations , and Yields

#### Rothamsted Research

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**DATES OF SOWING AND HARVESTING, AND YIELD PER ACRE, WOBURN, 1932**

Field.	Crop.	Variety.	Principal Cultivations and Dates.	Manuring, cwt. per acre.	Sowing Dates.	Cutting Dates.	Carting Dates.	Yield per acre.
<i>I. Arable, non-experimental, and Replicated Experiments—</i> Warren Field	Beans		Sept. 14-26, tractor plough. Oct. 17-21, tractor cultivator, roll and harrow. April 21, horse hoe. May 6-10, horse hoe. March 31-April 2, plough and harrow. May 5 and 12, harrow. June 20-30, single. June 6, 7, 17, July 4, horse-hoe all plots. May 17-18, plough. June 3, cross harrow and roll. June 17-20, July 4-15-29, horse hoe. May 17-18, plough. May 25, double harrow and roll. July 20, 27, Aug. 8, 23, horse hoe.		Oct. 26	Aug. 16	Sept. 1-3	18 cwt.
Butt Close (1)	Sugar Beet	Kuhn		see p. 163	May 5-12	Nov. 7-12	Nov. 7-12	see pp. 164-165
(2)	Kale	Thousand-head		see p. 166	June 4	Dec. 19— Jan. 20	—	see p. 166
(3)	Brussels Sprouts			2 cwt. S/Amm.	May 25	Fed to stock	—	—
Butt Furlong	Oats after Sugar Beet	Garton's Marvellous	Feb. 15-17, plough. Feb. 20, double harrow and roll. March 8, Cambridge roll. April 26, double harrow. Cultivations same as above.	12 tons dung	Feb. 27 April 26 (undersown)	Aug. 11-18	Sept. 8-20	—
Lansome Piece	Oats after ley fed off with sheep			1 S/Amm.	"	"	"	—
(1)	Brussels Sprouts		March 18-April 13, plough in dung. May 18-19, tractor spring hoe, harrow, and roll. June 31, July 10, July 19, 26, Aug. 6, Aug. 23, horse hoe.	15 tons dung 1 cwt. S/Amm.	May 19-25	Fed to stock	—	—
(2)	Kale Micro Plots	Marrow Stem	March 21, plough and harrow. March 26-28, hand digging. May 11-June 12, hand hoe. May 17, harrow. Sown to replace brussels sprouts taken by vermin. Cultivations as brussels sprouts.	see p. 167	Mar. 7	Oct. 4-5, 19, Nov. 1 & 18	—	see p. 168
(3)	Kale	Thousand-head			June 20	Fed to stock	—	—

DATES OF SOWING AND HARVESTING, AND YIELD PER ACRE, WOBURN, 1932 (Continued)

Field.	Crop.	Variety.	Principal Cultivations and Dates.	Manuring, cwt. per acre.	Sowing Dates.	Cutting Dates.	Carting Dates.	Yield per acre.
II. Classical and Rotation Experiments Stackyard	Permanent Wheat	Red Standard	Oct. 9-14, 1931, plough. Oct. 15, 1931, harrow. Feb. 15-23, hand hoe and remove twitch. April 7 and May 20, harrow. May 11, hand hoe.	see p. 95	Oct. 15	Aug. 9	Aug. 30	see p. 95
	Permanent Barley	Plumage and Archer	Jan. 22-27, plough. Feb. 25, Mar. 15, May 20, harrow. June 8-15, July 5-10, hand hoe.	see p. 96	Mar. 16	Aug. 20-22	Sept. 5-10	see p. 96
	Wheat	Red Standard	Oct. 19-20, 1931, plough. Oct. 22, 1931, April 7, May 12, May 21, harrow.	After green crops in 1931, fed off (2 crops)	Oct. 23	Aug. 16	Sept. 1	see p. 99
Series A (a)	Tares	—	Jan. 22-27 plough. Feb. 25, harrow. Mar. 1, cultivate. Mar. 16, April 6, cultivate and harrow. April 6, roll. May 21, harrow, feed off with 20 sheep also getting 1½ cwt. mixed cotton and linseed cake. Aug. 3-5, plough. Aug. 10, harrow. Oct. 14-24, feed off with 6 to 8 sheep with 1½ cwt. mixed cotton and linseed cake with 1 cwt. of hay.	3 super. 1 s/pot.	April 11 Aug. 11	—	—	—
Series A (b) (1)	Mustard	—	Jan. 22-27, plough. Feb. 25, harrow. Mar. 1, cultivate. Mar. 16, April 6, cultivate and harrow. April 6, roll. Feed off with 20 sheep also getting 1½ cwt. mixed cotton and linseed cake. Aug. 3-5, plough. Aug. 10, harrow. Oct. 14-24, feed off second crop mustard with sheep (6 to 12) also getting 1½ cwt. mixed cotton and linseed cake with 1 cwt. hay.	3 super. 1 s/pot.	May 9 Aug. 25	—	—	—
Series A (b) (2)	Mustard	—	Jan. 22-27, plough. Feb. 25, harrow. Mar. 1, cultivate. Mar. 16, April 6, cultivate and harrow. April 6, roll. Feed off with 20 sheep also getting 1½ cwt. mixed cotton and linseed cake. Aug. 3-5, plough. Aug. 10, harrow. Oct. 14-24, feed off second crop mustard with sheep (6 to 12) also getting 1½ cwt. mixed cotton and linseed cake with 1 cwt. hay.	3 super. 1 s/pot.	May 9 Aug. 25	—	—	—

DATES OF SOWING AND HARVESTING, AND YIELD PER ACRE, WOBURN, 1932 (Continued)

Field.	Crop.	Variety.	Principal Cultivations and Dates.	Manuring, cwt. per acre.	Sowing Dates.	Cutting Dates.	Carting Dates.	Yield per acre.
6 Course Rotation	Clover	Alsike	May 7, 1931, roll.	see p. 131	May 7	June 27	July 20	see p. 135
	Sugar Beet	Kuhn	Feb. 24, plough in rye, and harrow. April 7, cultivate three times. May 10, harrow. June 3, hand hoe. June 29-30, horse hoe. July 7-8, hand hoe. Aug. 2, horse hoe.	see p. 131	May 10	—	Nov. 2-4	see p. 135
Series C	Barley	Plumage-Archer	Jan. 12-13, plough in sugar beet tops. Mar. 16, cultivate, harrow twice, and roll. Mar 17, roll.	see p. 131	Mar. 17	Aug. 15	Sept. 2	see p. 135
	Wheat	Yeoman	Oct. 22, 1931, plough and harrow twice. May 10, hand hoe. June 5, cut out thistles.	see p. 131	Oct. 23	Aug. 11-12	Aug. 30	see p. 135
	Forage Beans	Rye, Vetches Ally	Oct. 21-22, 1931, plough and double harrow.	see p. 131	Oct. 23	May 31-June 1	June 14	see p. 135
Series D	Potatoes		Oct. 23, 1931, plough in wheat stubble. Spring 1932, plough in rye. May 12, harrow ridges. June 29, cut out thistles and horse hoe.	see p. 131	April 7	—	Sept. 27	see p. 135
	Clover	Alsike	May 8, 1931, clover sown under barley; after removal of barley, crop allowed to grow.	—	May 8	Aug. 10-15	Sept. 10	see p. 97
Lansome Piece	Wheat	Red Standard	Oct. 3-6, 1931, plough. Oct. 16, 1931, drill and harrow. April 7-21, May 20, harrow.	see p. 97	Oct. 16	Aug. 16	Aug. 26-27	see p. 98
	Green Crops		Oct. 11, 1931, plough. Oct. 23, 1931, Feb. 2-3, cultivate. Feb. 8, harrow. Feb. 18-19, plough. Feb. 25, cultivate and harrow. April 8, harrow in vetches. May 9, harrow in mustard. July 7-8, plough in green crops. Sept. 29-30, plough in second green crop.	3 super. 1 s/pot.	(First crop) Vetches, April 8, Mustard, May 9. (Second crop), Vetches, July 9, Mustard, Aug. 6	—	—	see p. 99

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DATES OF SOWING AND HARVESTING, AND YIELD PER ACRE, WOBURN, 1932 (Continued)

Field.	Crop.	Variety.	Principal Cultivations and Dates.	Manuring, cwt. per acre.	Sowing Dates.	Cutting Dates.	Carting Dates.	Yield per acre.
III. <i>Grassland</i> Warren Field			Chain harrow, Feb. 14-20.	—	—	June 7-8	June 16-17	25 cwt.
Broad Mead (1) (2) (3) (4)			Chain harrow, Feb. 14-20.	1 s/amm. on all plots at weekly intervals from Feb. 14	—	Grazed	—	—
Great Hill (6) Bottom (7) Honey Pot (5) Long Mead			Chain harrow, Feb. 14-20.	No manure	—	Grazed	—	—
Mill Dam Close			Chain harrow, Feb. 14-20	No manure	—	Grazed and cut over Grazed and cut over for hay	—	—
Great Hill			Chain harrow and patched March.	No manure	—	Grazed and cut over	—	—
Road Piece			Chain harrow and patched March. Rest of field grazed and cut over.	—	—	4 acres No. 2 mixture cut for hay. June 6, Aug. 6th Grazed.	June 17 Sept. 6	25 cwt. 20 cwt.
Butt Furlong								