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Date of Operations and Yields

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DATES OF SOWING AND HARVESTING, AND YIELD PER ACRE, WOBURN, 1934
(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.
<i>I. Arable</i> Butt Close	Potatoes	Luxury Dunbar Cavalier	Mar. 15—Plough in dung; Mar. 24—apply artificial manures; Mar. 25 and 29—tractor cultivate; Mar. 30—harrow and roll; April 12—ridge up at 27 ins.; April 16-18—plant potatoes; April 23—harrow down; May 2—ridge up; May 15—harrow down; May 18—ridge up; May 22—harrow; May 24 and 30 and June 12—tractor hoe; June 29—ridge up. Nov. 4-6, 1933—tractor-cultivate potato land and harrow, and sow rye at 3 bush. per acre; Mar. 26 to April 4—plough in rye; April 11-12—harrow and roll; April 13-14—spring-time harrow, and harrow; April 27—harrow; April 28-30—sow at 25 lb. per acre with rows 20 ins. apart; May 3—Cambridge roll; May 14-17—horse hoe; May 25-29—single; June 4-12—horse-hoe;—June 20-25—hand-hoe; July 19 horse-hoe.	Farmyard Manure—12 tons in February 3 cwt. superphosphate 2 cwt. sulphate of potash	April 16-18	Luxury— Sept. 8- Oct. 5 Dunbar Cavalier— Oct. 12- Nov. 6	—	12 tons
Butt Furlong	Sugar beet	Klein- wanzleben		3 cwt. superphosphate 2 cwt. sulphate of potash	April 28-30	Oct. 10-14	—	16 tons
Lansome Piece (1)	Kale	Marrow-stem Thousand-headed	Jan. 12—plough in dung; Mar. 8—tractor-cultivate; Mar. 24—harrow down and sow 1 acre; Mar. 30—harrow and roll remainder of area; April 10—harrow; April 24—sow 1 acre; May 25—sow remainder of area; May 2, 8, 14, 22, June 12, 13, July 9, 13, 21, 30—horse-hoe; June 8, July 23-25—hand-hoe.	Farmyard Manure—12 tons in Jan. 3 cwt. sulphate of ammonia	March 24 April 24 May 25	Fed to stock	—	—

DATES OF SOWING AND HARVESTING, AND YIELD PER ACRE, WOBURN, 1934 (Continued)

Field	Crop	Variety	Principal Cultivations and Dates	Manuring per acre	Sowing Dates	Cutting Dates	Carting Dates	Yield per acre.
Lansome Piece (2)	Sugar beet	Kleinwanzleben	Jan. 12—plough in dung; Mar. 8—tractor-cultivate; Mar. 30—harrow and roll; April 24—manure with artificials; April 28—harrow; April 30—roll, drill, and harrow; May 14-15—horse-hoe; May 18-20—single; July 13, 20—horse-hoe; July 24-28—hand-hoe.	Farmyard manure—12 tons in Jan. 3 cwt. superphosphate 2 cwt. sulphate of potash	April 30	Dec. 1-10	—	14 tons
Stackyard Field	Permanent Wheat Permanent Barley	Fallow Fallow	Oct. 16-17, 1933—tractor-plough; Nov. 7-8,—tractor cultivate; April 25—tractor-cultivate; May 2—tractor-cultivate and harrow; May 11—tractor-harrow and roll; June 13-15—tractor-cultivate (twice) and harrow; July 25—tractor-cultivate; Aug. 7—tractor-harrow; Sept. 26—tractor-cultivate; Oct. 1—tractor-cultivate and harrow; Nov. 30-Dec. 1—tractor-plough.	—	—	—	—	—
Stackyard Field Series A	Wheat	Red Standard	Oct. 6-7, 1933—tractor-plough; Oct. 17—double harrow; Nov. 29—Cambridge roll and sow; April 12, 23, May 7, 10, 14, 18, 23 harrow; Aug. 16—cut and stook; Aug. 28, 30, Sept. 6, 10, 13,—cross-cultivate.	—	Nov. 29, 1933	Aug. 16	Aug. 23-24	9 bush. (average)

DATES OF SOWING AND HARVESTING, AND YIELD PER ACRE, WOBURN, 1934 (Continued)

Field.	Crop.	Variety.	Principal Cultivations and Dates.	Manuring per acre.	Sowing Dates.	Cutting Dates.	Carting Dates.	Yield per acre.
Stackyard Field Series A	Tares and Mustard	—	Oct. 6-7, 1933—tractor-plough; Nov. 7, 8, 28—cross-cultivate; Feb. 16—plough; Mar. 29—Tractor-cultivate; April 10—harrow and roll; April 12—tractor-cultivate; April 23—harrow, roll and sow manures; April 24—sow tares and harrow; May 1—sow mustard and harrow; May 4—Cambridge roll; May 10—harrow tares; May 23—harrow whole area; July 5-18—graze with sheep, with 1½ cwt. cake per acre; July 20-27—plough; Aug. 1—sow tares and harrow; Aug. 20—double-harrow, roll and sow mustard; Oct. 12-16—Green crops ploughed in.	3 cwt. super-phosphate 1 cwt. sulphate of potash	Tares—April 24 and Aug. 1 Mustard—May 1 and Aug. 20	Grazed 1st crop with ¾ cwt. cotton cake and ¾ cwt. linseed cake on July 5-18	—	—
Stackyard Field Series C	Swedes	Magnificent	1933, Aug. 20-30, Sept. 7-8—tractor-cultivate; Sept. 18-19—tractor-plough; Sept. 30, Nov. 8, 28—tractor-cultivate; 1934, Feb. 14—tractor-plough; Mar. 28—tractor-cultivate; April 10—harrow and roll; April 12, 30, May 7—tractor-cultivate; May 10, 18—harrow and roll; May 23—sow manures; May 24—sow swedes and roll; June 11—horse-hoe; July 2-12—single; July 13, 17—horse hoe; Aug. 8-9—horse-hoe and hand-hoe.	3 cwt. super-phosphate 1 cwt. sulphate of potash	May 24	Fed off with cake or corn—Jan. 10—Mar. 1, 1935	—	13 tons roots

DATES OF SOWING AND HARVESTING, AND YIELD PER ACRE, WOBURN, 1934 (Continued)

Field	Crop	Variety	Principal Cultivations and Dates	Manuring per acre	Sowing Dates	Cutting Dates	Carting Dates	Yield per acre
Stackyard Field Series D	Barley (with clover)	Plumage-Archer	Jan. 3-Feb. 14—roots fed off with sheep, with cake or corn; Feb. 15—tractor-plough; Mar. 7—double-harrow; Mar. 8—sow barley and harrow; April 3—Cambridge roll; April 23-24—harrow; May 1—sow alsike clover and roll.	Manured by feeding off roots with cake or corn	Barley—March 8 Clover—May 1	July 30	Aug. 16	33½ bush. (average)
Lansome Piece (Green Manuring)	Tares and Mustard	—	1933, Oct. 10-11—plough; Oct. 14—double-harrow; Nov. 11—cross-cultivate; 1934, Jan. 10, Feb. 9—harrow; Mar. 19—plough; Mar. 23—double-harrow; April 9—harrow and roll, and manure; April 10—sow tares and harrow; April 16—Cambridge roll; April 24—sow mustard and harrow; May 3—harrow tares and control, and roll mustard; May 26—harrow; June 27-29—plough in green crops; July 12—Cambridge roll; July 17—sow tares and roll; July 28—harrow; Aug. 18—sow mustard and harrow; Oct. 16-19—plough in green crops.	3 cwt. super-phosphate, 1 cwt. sulphate of potash	Tares—Apl. 10 and July 17 Mustard—Apl. 24 and Aug. 18	Ploughed in on June 27-29 and Oct. 16-19		
<p><i>II. Grassland.</i> Broad Mead, Great Hill Bottom, Honey Pot, Long Mead, Mill Dam Close, Great Hill, Road Piece, were grazed and cut over. Warren Field was grazed, and then laid in for hay, which was cut June 6th, 22nd-23rd.</p>								