

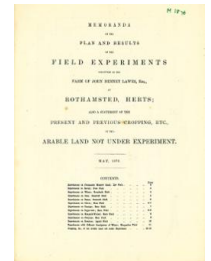
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1876

[Full Table of Content](#)



Cropping, &c. , of the Arable Land Not Under Experiment; Rothamsted Farm

Rothamsted Research

Rothamsted Research (1877) *Cropping, &c. , of the Arable Land Not Under Experiment; Rothamsted Farm* ; Yields Of The Field Experiments 1876, pp 12 - 13 - DOI:

<https://doi.org/10.23637/ERADOC-1-240>

(12)

ROTHAMSTED

MAY,

SUMMARY STATEMENT OF THE PRESENT AND PREVIOUS

(14 Years, 1863-1876,

Name of Field.	Acres.	PREVIOUS CROPPING							
		1863.	1864.	1865.	1866.	1867.	1868.	1869.	1870.
Thirty Acres	30	Wheat, Sheep-Folded, and 2 cwt. Guano.	Oats, 2 cwt. Guano, 1 cwt. Corn Manure.	Oats, 1 cwt. Guano, 3 cwt. Corn Manure.	Tares and Swedes, Dung and Artificial.	Oats, after Sheep-Folding.	Clover.	Wheat, 2 cwt. Guano.	Oats, 2 cwt. Guano.
Upper Harpenden	14	Red Clover, Unmanured.	Wheat, 1½ cwt. Guano, 1½ cwt. Corn Manure.	Oats, 1 cwt. Guano, 2 cwt. Corn Manure.	Oats, 2 cwt. Guano, 1 cwt. Sulph. Ammonia.	Tares, Dung, Swedes, Artificial.	Wheat, 2½ cwt. Guano, ¼ th. Sheep-folded.	Oats, 2 cwt. Guano, 1 cwt. dried Blood, ½ cwt. Sulph. Ammonia.	Swedes, Dung and superphosphate.
Harpenden	22	Oats, 3 cwt. Guano.	Mangolds and Turnips, Dung and Artificial.	Wheat, Sheep-Folded.	Red Clover (peren.), Unmanured.	Wheat, 2½ cwt. Guano.	Oats, ½ rds 12 cwt. Guano, & 1 cwt. Nitr. Soda, ½ rd 1 cwt. Nitr. Soda, and Sheep-folded.	Swedes, Dung and various Artificial Manures.	Wheat, 3 cwt. Guano.
Little Hoos	9	Barley, 3 cwt. Guano, 1 cwt. superphos.	Red Clover.	Wheat, 1½ cwt. Guano, 1 cwt. Nitrate Soda, 1 cwt. Corn Manure.	Mangolds, Dung and Artificial.	Wheat, Unmanured.	Oats, 2 cwt. Guano, 1 cwt. Nitrate of Soda.	Barley, 1 cwt. dried Blood, ½ cwt. Sulph. Ammonia, 1 cwt. superphosphate.	Barley, 2½ cwt. Guano.
Fosters'	18	Barley, 5½ cwt. Artificial Manure.	Swedes, Dung and Artificial.	Oats, 1 cwt. Guano, 1 cwt. Corn Manure.	Red Clover, Unmanured.	Wheat, 2 cwt. Guano, ½ cwt. Corn Manure.	Oats, 2 cwt. Guano, 1 cwt. Nitrate of Soda.	Barley, 1 cwt. dried Blood, ½ cwt. Sulph. Ammonia, 1 cwt. superphosphate.	Oats, 2 cwt. Guano, 3 cwt. Blood Manure.
Knott Wood	30	Oats, Sheep-Folded.	Red Clover (peren.).	Wheat, Sheep-Folded, 1 cwt. Guano.	Oats, 2 cwt. Guano, 1 cwt. Sulph. Ammonia.	Oats, 2 cwt. Guano, 1 cwt. Sulph. Ammonia.	Swedes, 2 cwt. Guano, 2½ cwt. superphosphate and Dung.	Wheat, 3 cwt. Guano (one-half), Unmanured (one-half), after Swedes ploughed up and Fallowed.	Oats, 3 cwt. Guano.
Little Knott Wood	14	Swedes, Dung and Artificial.	Wheat, Unmanured.	Red Clover (peren.), Unmanured.	Red Clover (peren.), Sheep-Folded.	Wheat, 1 cwt. Guano, ½ cwt. Corn Manure.	Oats, 2 cwt. Guano, 1 cwt. Nitrate Soda.	Mangolds, 12 tons Dung, 3 cwt. Guano.	Wheat, 3 cwt. Guano.
Sawpit	14	Tares and Oats, Sheep-Folded, and 2 cwt. Guano.	Barley, 1½ cwt. Guano, ½ cwt. superphos., 1 cwt. Corn Manure.	Mangolds and Turnips, Dung and Artificial.	Wheat, Unmanured.	Red Clover, Unmanured.	Wheat, 1 cwt. Guano, 1 cwt. Wheat Manure.	Wheat, 3 cwt. Guano.	Mangolds, Dung and 3 cwt. Guano.
Rick-yard	8	Wheat, Unmanured.	Wheat, Sheep-Folded, and 3 cwt. Guano.	Barley, 2 cwt. Guano, 1½ cwt. Corn Manure.	Red Clover, Sheep-Folded.	Wheat, Guano.	Barley, 2 cwt. Wheat Manure.	Tares, Dung.	Barley, 1 cwt. Guano.
Six Acres	6	Mangolds, Dung and Artificial.	Wheat, Unmanured.	Red Clover, Unmanured.	Wheat, 2 cwt. Guano, 2 cwt. Corn Manure.	Oats, 3 cwt. Guano.	Beans, Dung.	Wheat, 2 cwt. Guano, 1 cwt. Nitrate of Soda.	Barley, 2½ cwt. Guano.
Clay-Croft	12	Wheat, Dung.	Wheat, 2 cwt. Guano, 2 cwt. Corn Manure.	Oats, 2 cwt. Guano, 2 cwt. Corn Manure.	Oats, 2 cwt. Guano, 1 cwt. Sulph. Ammonia.	Beans, Dung.	Wheat, 2 cwt. Guano.	Oats, 2 cwt. Guano, 1 cwt. dried Blood, ½ cwt. Sulph. Ammonia.	Turnips, Dung and 3 cwt. superphosphate.
Ten Acres	10	Oats, 3 cwt. Guano.	Oats, 2 cwt. Guano, 1 cwt. Dried Blood.	Tares, Dung.	Turnips, Artificial.	Wheat, Guano.	Red Clover.	Wheat, 2 cwt. Guano.	Oats, 3 cwt. Guano.
Agdell	9	Barley, Sheep-Folded.	Barley, 1½ cwt. Guano, ½ cwt. superphos., 1 cwt. Corn Manure.	Red Clover, Unmanured.	Wheat, 1½ cwt. Guano, 1½ cwt. Corn Manure.	Oats, 2 cwt. Guano.	Tares, Dung.	Barley, Unmanured.	Barley, 1½ cwt. Guano, 1½ cwt. superphosphate.
Long Hoos	25	Fallow.	Swedes, Dung and Artificial.	Barley, 1 cwt. Guano, 1 cwt. Corn Manure.	Barley, 1½ cwt. Guano, 1 cwt. Corn Manure.	Mangolds and Swedes, 15 tons Dung, 3 cwt. Guano.	Wheat, 1 cwt. Guano.	Oats, 2 cwt. Guano, 1 cwt. dried Blood, ½ cwt. Sulph. Ammonia.	Sainfoin, Unmanured.
Sawyers'	25	Swedes and Fallow, Artificial.	Barley, 1 cwt. Guano, 1 cwt. Corn Manure.	Swedes, Dung and Artificial.	Wheat and Barley, Sheep-Folded.	Red Clover, Unmanured.	Wheat, 3 cwt. Guano.	Fallow.	Wheat, 4 cwt. Guano.
West Barn	32	Swedes, Dung and Artificial.	Oats, 1½ cwt. Guano, 1½ cwt. Corn Manure.	Red Clover (peren.), Sheep-Folded.	Wheat, 1½ cwt. Guano, 1½ cwt. Corn Manure.	Barley, 1 cwt. Blood Manure, 1 cwt. superphosphate, 1 cwt. Sulph. Ammonia.	Fallow.	Wheat, 3 cwt. Guano.	Sainfoin, Unmanured.

(13)

FARM.

1876.

CROPPING, &c., OF THE ARABLE LAND NOT UNDER EXPERIMENT.
(inclusive.)

AND MANURING.

1871.	1872.	1873.	1874.	1875.	Crop, &c., Present Season, 1875-76.	Acres.	Name of Field.
Barley, 2 cwt. superphosphate, 2 cwt. Nitrate Soda.	Barley, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda. (2½ acres experiment).	Barley (¾ with Grass-seeds). 2 cwt. superphosphate, 2 cwt. Nitrate Soda.	Grass (¾), Folded, and 1 cwt. Nitrate. Barley (¾), 2 cwt. superphosphate, 2½ cwt. Nitrate Soda.	Grass (¾), Sheep-folded. Tares (¾) Dung.	Grass (¾), Compost. Wheat (¾), 1 cwt. Nitrate Soda.	30	Thirty Acres
Wheat, 2 cwt. Guano.	Oats, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	Mangolds, Dung. (Carted off.)	Wheat (10 acres Varieties). 2 cwt. Nitrate Soda.	Barley, (½) 3 cwt. Guano, (½) 2 cwt. superphosphate, 2½ cwt. Nitrate Soda.	Barley (with grass seeds), 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	14	Upper Harpenden.
Oats, 3 cwt. Guano, 1 cwt. Nitrate Soda. Tares, Dung.	Oats, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda. Tares, Dung.	Barley, After Oats—2 cwt. superphosphate; 2 cwt. Nitrate. After Tares—1 cwt. superphosphate; 1 cwt. Nitrate.	Barley, 2 cwt. superphosphate, 2 cwt. Nitrate Soda.	Mangolds, Dung, and 2 cwt. Guano. (Carted off.)	Wheat (Varieties), 2 cwt. Nitrate Soda.	22	Harpenden.
Barley, 3 cwt. superphosphate, 2½ cwt. Nitrate Soda.	Barley (with Clover). 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	Barley (¾), Unmanured. Clover (¾), Unmanured.	Barley, 2 cwt. superphosphate, 2 cwt. Nitrate Soda (1 acre Unmanured).	Barley, where Barley 1873, 2 cwt. superphosphate, 2 cwt. Nitrate of Soda. where Clover 1873, Half quantities.	Barley (¾ with Clover), 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	9	Little Hoos.
Roots, Tares, and Rape, Dung and Artificial.	Wheat, ½ Varieties of Wheat, 2 cwt. superphosphate, 2 cwt. Nitrate Soda, ¾ Sheep-folded.	Barley, 2 cwt. superphosphate, 2 cwt. Nitrate Soda (2 acres experiment).	Barley, 2 cwt. superphosphate, 2 cwt. Nitrate Soda.	Barley, (¼) 3½ cwt. Guano, (¼) 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda, (¼) 1½ cwt. Guano, 1½ Nitrate.	Barley, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	18	Fosters'.
Oats, 3 cwt. Guano, 1 cwt. Nitrate Soda.	Oats, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	Tares (¾), Dung. Swedes (¾), Dung, 2 cwt. superphosph.; 2 cwt. Nitrate Soda.	Barley, After Roots and Tares carted, 2 cwt. superphosphate, 2 cwt. Nitrate Soda, After Tares fed, 1 cwt. each.	Barley, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	Oats, 2½ cwt. superphosphate, 3 cwt. Nitrate Soda.	30	Knott Wood.
Oats, 3 cwt. Guano, 1 cwt. Nitrate Soda.	Oats, ¾ Sheep-folded. All, 2½ cwt. superphos., 2½ cwt. Nitrate Soda.	Barley, 2 cwt. superphosphate, 2 cwt. Nitrate Soda.	Mangolds, Dung. (Carted off.)	Wheat (Varieties), 1½ cwt. Nitrate Soda.	Oats, 2½ cwt. superphosphate, 3 cwt. Nitrate Soda.	14	Little Knott Wood.
Wheat, 3 cwt. Guano.	Oats, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	Oats, 2 cwt. superphosphate, 2 cwt. Nitrate Soda.	Barley, 2 cwt. superphosphate, 2 cwt. Nitrate Soda.	Barley, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	Mangolds, 25 tons Dung.	14	Sawpit.
Mangolds, Dung and 4 cwt. Cotton Cake.	Wheat, Unmanured.	Barley, 2 cwt. superphosphate, 2 cwt. Nitrate Soda.	Tares, Dung. ½ followed by Turnips, 1 cwt. superphosphate, 1 cwt. Nitrate Soda.	Barley, 1 cwt. Nitrate Soda.	Swedes, Dung, and Superphosphate.	8	Rick-yard.
Barley, 3 cwt. superphosphate, 2½ cwt. Nitrate Soda.	Barley, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	Barley, 2 cwt. superphosphate, 2 cwt. Nitrate Soda.	Barley, 2 cwt. superphosphate, 2½ cwt. Nitrate Soda.	Barley, 2 cwt. superphosphate, 2½ cwt. Nitrate Soda.	Barley, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	6	Six Acres.
Wheat, Unmanured.	Oats, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	Clover, Unmanured.	Wheat, 2 cwt. Nitrate Soda.	Oats, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	Oats, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	12	Clay-Croft.
Mangolds, Dung and 4 cwt. Cotton Cake.	Wheat, Unmanured.	Barley, 2 cwt. superphosphate, 2 cwt. Nitrate Soda (5 acres experiment).	Oats, 2 cwt. superphosphate, 2½ cwt. Nitrate Soda.	Oats, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	Turnips.	10	Ten Acres.
Mangolds, Dung and 4 cwt. Cotton Cake.	Wheat, Unmanured (and part Roots).	Clover, Unmanured. Barley, Experiment.	Wheat, 1 cwt. Nitrate Soda (3 acres Experiment, ½ Clover, ½ Fallow).	Barley, 2 cwt. superphosphate, 2 cwt. Nitrate Soda. Wheat, 3 acres, Experiment.	Barley, 2½ cwt. superphosphate, 3 cwt. Nitrate Soda. Swedes, 3 acres, Experiment.	9	Agdell.
Sainfoin, Unmanured. (Steam cultivated, July.)	Mangolds, Dung. (Carted off.)	Wheat, (½ Varieties of Wheat), 1½ cwt. Nitrate Soda.	Oats, 2 cwt. superphosphate, 2 cwt. Nitrate Soda.	Oats, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	Oats (¾), 2½ cwt. superphosphate, 3 cwt. Nitrate Soda. Tares (¾), Dung.	25	Long Hoos.
Wheat, 4 cwt. Guano, 1 cwt. Nitrate Soda.	Barley, 2½ cwt. superphosphate, 2½ cwt. Nitrate Soda.	Oats, 2 cwt. superphosphate, 2 cwt. Nitrate Soda.	Mangolds and Swedes, Dung.	Barley after Swedes (¾) 2 cwt. superphosphate, 2 cwt. Nitrate Soda. Wheat after Mangolds (¾) 1½ cwt. Nitrate Soda.	Barley (with Clover), 2 cwt. superphosphate, 2 cwt. Nitrate Soda.	25	Sawyers'.
Sainfoin, Unmanured.	Sainfoin, Unmanured.	Oats, 2 cwt. superphosphate, 2 cwt. Nitrate Soda.	Wheat (Oats fed off 1873), 1½ cwt. Nitrate Soda.	Oats, 2 cwt. superphosphate, 2 cwt. Nitrate Soda.	Oats, 2 cwt. superphosphate, (¾) 1½ Nitrate Soda, (¼) 2½ Nitrate Soda.	32	West Barn.