Exhaustion Land Experiment overview

Main plot number; treatment 1856-1901*

Phase I

1	3	5	7	9	2	4	6	8	10
Nil	FYM	N	NPK	P	Nil	FYM	N	NPK	PK

Phase II

Unfertilized 1902-1939

Phase III

PK residues (Basal N) 1940-1975

All main plots divided into 4 sub-plots in 1976 with 4 N rates

PK residues (Rates of N) 1976-1985

Phase IV

1986-2006

"P Test"

Rates of P (Basal K & N) 1986-92

No fresh P (Basal K & N) 1993-99

Maintenance P (Basal K & N) 2000- (except P0 plots)

PK residues (Rates of N) 1986-91

"K Test"

K residues (Basal P & N) 1992-2006

Phase V

2007-

"P Test"

Maintenance P (Basal K & N) 2000- (except P0 plots)

P witheld from residual P plots (P1) since 2016

"K Test"

Rates of K (Basal P & N) 2007-

Cropping: 1856-1875 winter wheat; 1876-1901 potatoes. Spring barley most years 1902-1991, fallow in 1920, 1967 & 1975. Winter wheat since 1992 (except in 2001 when w.wheat failed and the experiment was re-sown to spring wheat)

* See 'Exhaustion Land plan & fertilizer treatments, Phases I & II' for full details of fertilizer treatments 1856-1901

Sources of data:

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