

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.



Collection of Plans for the Woburn Organic Manuring Experiment

[Full Table of Content](#)



W/RN/12 - Woburn Organic Manuring 1995 - 1999

Rothamsted Research

Rothamsted Research (1966-1988) *W/RN/12 - Woburn Organic Manuring 1995 - 1999* ; Collection Of Plans For The Woburn Organic Manuring Experiment, pp 30 - 34

204

31st DECEMBER 1995
Sponsor: P. R. Poulton

WOBURN W. Wheat

ORGANIC MANURING EXPERIMENT

95/W/RN/12 Block I 5th wheat

Block II 4th wheat



	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
1	(1)(3)	(4)(3)	(1)(4)	(4)(1)	(3)(4)	(5)(3)	(4)(1)	(5)(4)	(1)(5)	(3)(1)	(2)(5)	(5)(2)	(1)(5)	(2)(3)	(1)(4)	(5)(3)
3	4															
5	(Lc)	(Lm)	(Sc)	(Gm)	(Pg)	(Fd)	(Pt)	(Lc)	(Fd)	(Gm)	(Pg)	(Pt)	(Lc)	(Fd)	(Gm)	(Lm)
6	(Lc)	(Lm)	(Sc)	(Gm)	(Pg)	(Fd)	(Pt)	(Lc)	(Fd)	(Gm)	(Pg)	(Pt)	(Lc)	(Fd)	(Gm)	(Lm)
7	(4)(1)	(5)(2)	(3)(1)	(3)(5)	(1)(5)	(4)(1)	(5)(2)	(1)(2)	(4)(2)	(4)(2)	(1)(1)	(4)(3)	(3)(2)	(5)(1)	(1)(5)	(1)(4)
8																
9	(2)(3)	(1)(1)	(5)(2)	(1)(2)	(1)(2)	(2)(1)	(1)(3)	(3)(1)	(1)(3)	(1)(5)	(3)(4)	(1)(1)	(4)(1)	(4)(1)	(2)(3)	(1)(2)

230'

Block III 5th wheat

Block IV 4th wheat

	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
1	(3)(1)	(1)(2)	(3)(1)	(1)(3)	(4)(3)	(1)(5)	(3)(4)	(1)(4)	(5)(4)	(1)(4)	(2)(3)	(1)(4)	(1)(2)	(1)(3)	(3)(1)	(5)(1)
3	4															
5	(Sc)	(Fs)	(Lc)	(Lm)	(Pt)	(Lc)	(Pg)	(Lc)	(Lm)	(Pg)	(Lc)	(Pt)	(Lc)	(Fd)	(Sc)	(Gm)
6	(2)(5)	(1)(5)	(4)(2)	(1)(5)	(1)(1)	(2)(4)	(5)(2)	(3)(2)	(1)(1)	(3)(1)	(4)(5)	(5)(1)	(4)(5)	(5)(2)	(4)(2)	(3)(1)
7																
8	(1)(4)	(4)(3)	(5)(1)	(2)(4)	(2)(5)	(1)(3)	(1)(1)	(2)(3)	(1)(4)	(2)(2)	(5)(1)	(2)(3)	(1)(3)	(1)(4)	(1)(5)	(4)(2)

16'

row spacing

8m

499' (152m)

241' 6"

8m

3m

spray path centres

TREATMENTS

Residues of organic manures

- (Dg) F/M annually 1965-71 and 1981-85
- (St) Straw annually 1965-71 and 1981-85
- (Gm) Green manure annually 1965-71 then (Lc8) ley (clover/grass) 1979-86 (Blks I & III) 1980-87 (Blks II & IV) (Pt) Peat annually 1965-71 then (Lc8) 1979-86 (Blks I & III) 1980-87 (Blks II & IV)

Residues of Fertilizers

- (Fd) P K Mg Equivalent to (Dg) rate, annually 1965-71 & 1981-86 (Blks I & III) 7 (Blks II & IV)
- (Fs) K Mg Equivalent to straw with P annually 1965-71 then 1/2 Dg rate 1981-86 (Blks II & IV) 7 (Blks I & III)
- Leys: (Lc) clover/grass ley 1965-71 then (Lc6) 1981-86 (Blks I & II) 7 (Blks II & IV) (Lm) Grass ley with N - clover/grass ley

Subplot Residual nitrogen treatments

- (1), (1)(2), (3)(4)(5) 0, 50, 100, 150, 200, 250 Kg N ha⁻¹

BASAL MANURE

- P & K None this year
- Mn foliar spray @ SFP in spring
- N at 100 Kg N

VARIETY

Mercia dressed Rappor @ 300 seeds/m² on 7 Oct 1994

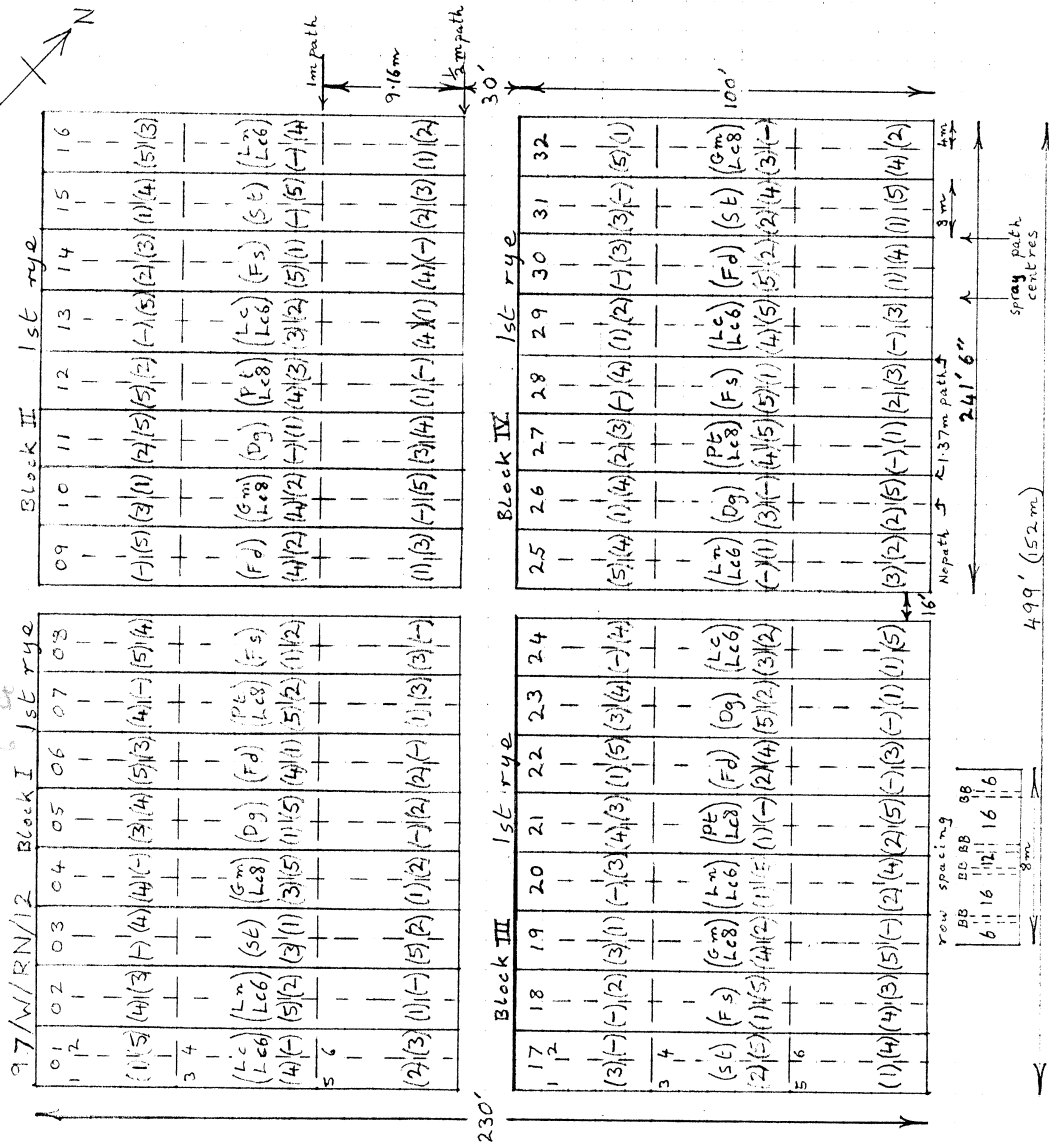
SUBPLOT AREA

14' x 30' = 0.039 ha
harvested area = 2m x 9.16m = 0.0183 ha

33rd year STACKYARD B 1997
Sponsor: P. R. Poulton

ORGANIC MANURING EXPERIMENT

WOGBURN W Rye



TREATMENTS

- Residues of organic manures
 - (Dg) FYM annually 1965-71 and 1981-85
 - (St) Straw annually 1965-71 and 1981-85
 - (Gm) Green manure annually 1965-71 then (Lc8) leg (clover/grass) 1979-86 (Blks I & II) 1980-87 (Blks II & IV) (Pt) Peat annually 1965-71 then (Lc8) 1979-86 (Blks I & II) 1980-87 (Blks II & IV)
- Residues of Fertilizers
 - (Fd) PK Mg Equivalent to (Dg) rate, annually 1965-71 & 1981-86 (Blks I & II) 1980-87 (Blks II & IV)
 - (Fs) K Mg Equivalent to straw with P annually 1965-71 then 1/2 Dg rate 1981-86 (Blks II & IV) 7 (Blks I & II)
 - Legs: (Lc) clover/grass leg 1965-71 then (Lc6) 1981-86 (Blks I & II) 7 (Blks II & IV) - (Ln) Grass leg with N - clover/grass leg

Subplot Residual nitrogen treatments last applied 1994
(-), (1), (2), (3), (4), (5) 0, 50, 100, 150, 200, 250. Kg N ha⁻¹

BASAL MANURE
P & K (0:20:32) @ 500 kg ha⁻¹
No nitrogen

VARIETY
Amando dressed Batan @ 400 seeds/m² on 10 Oct 1996

SUB-PLOT AREA
14' x 30' = 0.039 ha.
harvested area = 2m x 9.16m = 0.00183 ha

Straw yields from (Fd) and (Dg) treatments

Sponsor P.R. Poulton

pp 5

[illegible]