

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

Collection of Plans for the Woburn Ley-arable Experiment

[Full Table of Content](#)

WOBURN ARABLE AND LEY MIXTURES
STATIONARY FIELD EXPERIMENT
1957-79

Year	Plot	Area (sq. ft.)	Yield (lb./acre)	Yield (t/acre)
1957	1	1000	1000	1000
1957	2	1000	1000	1000
1957	3	1000	1000	1000
1957	4	1000	1000	1000
1957	5	1000	1000	1000
1957	6	1000	1000	1000
1957	7	1000	1000	1000
1957	8	1000	1000	1000
1957	9	1000	1000	1000
1957	10	1000	1000	1000
1957	11	1000	1000	1000
1957	12	1000	1000	1000
1957	13	1000	1000	1000
1957	14	1000	1000	1000
1957	15	1000	1000	1000
1957	16	1000	1000	1000
1957	17	1000	1000	1000
1957	18	1000	1000	1000
1957	19	1000	1000	1000
1957	20	1000	1000	1000
1957	21	1000	1000	1000
1957	22	1000	1000	1000
1957	23	1000	1000	1000
1957	24	1000	1000	1000
1957	25	1000	1000	1000
1957	26	1000	1000	1000
1957	27	1000	1000	1000
1957	28	1000	1000	1000
1957	29	1000	1000	1000
1957	30	1000	1000	1000
1957	31	1000	1000	1000
1957	32	1000	1000	1000
1957	33	1000	1000	1000
1957	34	1000	1000	1000
1957	35	1000	1000	1000
1957	36	1000	1000	1000
1957	37	1000	1000	1000
1957	38	1000	1000	1000
1957	39	1000	1000	1000
1957	40	1000	1000	1000
1957	41	1000	1000	1000
1957	42	1000	1000	1000
1957	43	1000	1000	1000
1957	44	1000	1000	1000
1957	45	1000	1000	1000
1957	46	1000	1000	1000
1957	47	1000	1000	1000
1957	48	1000	1000	1000
1957	49	1000	1000	1000
1957	50	1000	1000	1000
1957	51	1000	1000	1000
1957	52	1000	1000	1000
1957	53	1000	1000	1000
1957	54	1000	1000	1000
1957	55	1000	1000	1000
1957	56	1000	1000	1000
1957	57	1000	1000	1000
1957	58	1000	1000	1000
1957	59	1000	1000	1000
1957	60	1000	1000	1000
1957	61	1000	1000	1000
1957	62	1000	1000	1000
1957	63	1000	1000	1000
1957	64	1000	1000	1000
1957	65	1000	1000	1000
1957	66	1000	1000	1000
1957	67	1000	1000	1000
1957	68	1000	1000	1000
1957	69	1000	1000	1000
1957	70	1000	1000	1000
1957	71	1000	1000	1000
1957	72	1000	1000	1000
1957	73	1000	1000	1000
1957	74	1000	1000	1000
1957	75	1000	1000	1000
1957	76	1000	1000	1000
1957	77	1000	1000	1000
1957	78	1000	1000	1000
1957	79	1000	1000	1000

Woburn Ley-arable 1976c

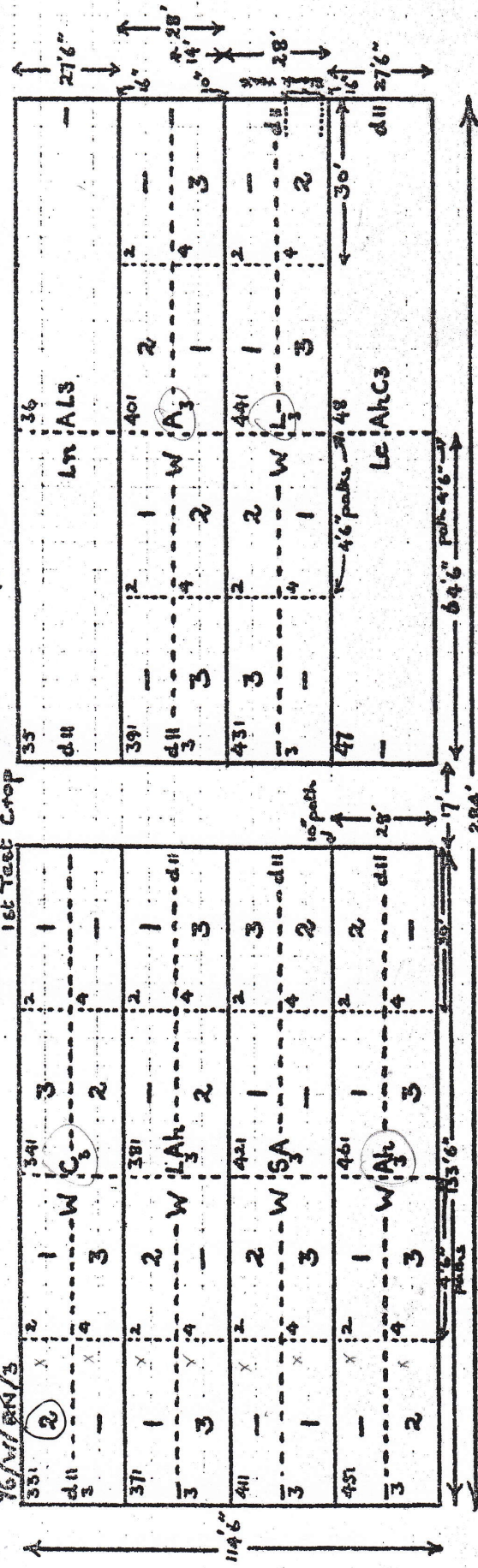
Rothamsted Research

Rothamsted Research (1957-79) *Woburn Ley-arable 1976c* ; Collection Of Plans For The Woburn Ley-Arable Experiment, pp 33 - 33

WOBURN 1976/1977

ARABLE AND LEY ROTATION 39th year STACKYARD 'D' 1976 201 C

Winter Wheat Block 3



TREATMENTS per acre (ha/acre)

FYM residues

- d II None, FYM residues - last applied 1966

Cropping

W Winter Wheat Variety: Cappella Sown: 10 Nov

(dressed Friti Bull fly & fungicide seed dressing)

@ 190lb (213 kg)

LN Ley with N } sown in spring 1976 without

LC Ley with Clover } ploughing previous L&R C3

Nitrogen to Winter Wheat

1, 2, 3 None, 0.5, 1.0, 1.5 cat N

(63, 126, 189 kg) as Nitro-chalk 25

BASAL APPLICATION to Winter Wheat only

Aldicarb at 10kg/ha (9lb/acre)

BASAL MANURING per acre (ha/acre)

Winter Wheat: 270 lb (300kg) compound fertilizer (0:20:20) C.D.

Ley with N: 490 lb (538kg) of (0:14:28) 500 lb (550kg) of (25:0:16) after

+ 265 lb (300kg) of each cut except the last.

Ley with Clover: Nitro-chalk 25 folay 60 lb (67kg) of muriate of

with N only in its seedbed, patch after each cut

except the last.

PLOT AREA

Winter Wheat: 14' x 30' = 0.0096 acre (0.0029 ha)

Harvested: 9'4" x 30" = 0.0064 acre (0.0026 ha)

Ley with N and

Ley with Clover: 27' x 64'6" = 0.477 acre (0.1165 ha)