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Collection of Plans for the Woburn Organic Manuring Experiment



Full Table of Content

W/RN/12 - Woburn Organic Manuring 1990 - 1994

Rothamsted Research

Rothamsted Research (1966-1988) W/RN/12 - Woburn Organic Manuring 1990 - 1994; Collection Of Plans For The Woburn Organic Manuring Experiment, pp 25 - 29

| <i>T</i> - | played in |
|--|--|
| 1990 Let Beans (BE) (Le8) Ley (Liver/grass). 379-86 (BE) 1980-87 (WW) 1965-71 and 1981-4(BE) 7(WV) 465-71 then 6 (MV) 7 (BE) 6) 1981-6 (BE) 7(WV) - Lloverymuss Le | Ements. 19 had 0,50,100,150, 200, 250 (NN) 0,50,100,150, 200, 250, (BE) applied in 1989. 19710NS per hectare foliar spray 30 SFP in spring. (BE) and (NN) 37.54, 30 = 588 kg with seed and foliar spray 30 SFP in spring. 17.54, 30 = 80 mlet's (standard rate) must be applied 14 x 30' = 0039 han 14 x 30' = 0039 han 14 x 30' = 0039 han 15 x 30' = 0039 han 16 sithat paths between sub-plots. Cross paths before N application to allow for maximum. 18 before then 1900 x 20 id, sad ploughed in, and paths |
| STACKYARD B Sponsor: P. R. Poulton TREPTMENTS & Winter What (WW) and Winter Beans (BE) Residues of Organic Manuras [bq) FYM annually 1965-71 and 1981-85 (sb) Straw annually 1965-71 and 1981-85 (sc) Straw annually 1965-71 then (LC8) Ley (Clover/grass) 1979-86 (BE) 1980-87 (WW) (PC) Peat annually 1965-71 then (LC8) 1979-86 (BE) 1980-87 (WW) (PC) Peat annually 1965-71 then (LC8) 1979-86 (BE) 1980-87 (WW) (PC) Peat annually 1965-71 then (LC8) 1979-86 (BE) 1980-87 (WW) (FS) K, Mg equivalent & (Gg) rate, annually 1965-71 and 1981-4(DE) 7(WW) (FS) K, Mg equivalent & straw with Pannually 1965-71 then t Dg rate 1981-6 (WW) 7 (BE) (LC) (Coverigness Ley) 1965-71 then (LC6) 1981-6 (BE) 7 (WW) - Clover ymuss ley (Ln) Grass ley with N } | Sub PLOT N Treatments. Kg ha! -1 2 3 4,5 0,50,100,150, 200, 250, (BE) applied in 1989. 57ANDARD APPLICATIONS per hectare Hankres: (0:17:34) 3 588 kg with seed and Mr. foliar spray 35FP in spring. (BE) and (WW Wilhafenly; (arbyforan 375kg), "Draya pellets (standard rate) must be applied NWhatenly; (arbyforan 375kg), "Draya pellets (standard rate) must be applied Wilhafenly; (arbyforan 375kg), "Draya pellets (standard rate) must be applied Wilhafenly; (arbyforan 375kg), "Draya, report with seed Will Augs before soving, report with seed Will Augs before soving, report with seed NW Meat plots drilled without paths between sub-plots. Cross paths Will be aut just before N application to allow for maximum Sampling area before then William seed in sour solid, pased ploughed in, and paths Later |
| 26 TH Year 322 Fig. 1 | 1 4 1 - 2 3 1 1 2 2 4 4 1 - 2 3 1 1 2 2 4 3 3 3 3 1 2 2 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 |
| EXPERITED TO STATE TO THE STATE TO THE STATE TO THE STATE TO THE STATE S | 25 26 27 28 4 11- 560ck II Ninks 51 1 1 2 3 4 11- 51 1 1 1 2 3 1 1 1 1 1 2 3 1 1 1 1 1 1 1 |
| (12 EXCERT WinterBeans 4th teaterns (23 04 05 06 07 03) (-)(4)(4)(-)(-)(4)(-)(5)(3)(4)(-)(5)(4) (-)(-)(-)(-)(-)(-)(-)(-)(-)(-)(-)(-)(-)(| (2)(3) (1)(-) (5)(2) (1)(3)(-1)(2)(2)(1)(3) (3)(-1) B (2ck III |
| WOBURN 90/W/m/12 1 2 0.2 0.2 1 2 1.2 1 2 1.2 1 2 2 1 2 2 2 4 2 4 (-6.6) (-6.2) (3) 5 6 1.2 5 6 1.2 5 6 1.2 5 6 1.2 6 1.2 7 2 2 8 2 6 9 1.2 9 1.2 1.3 2 1.4 1.2 9 1.2 | 230' B ock HT |

| 2 | (F3) K, Mg equivalent to (Dg) rate, annually 1865-71 and 1981-6 (BE) 7 (WW) (F3) K, Mg equivalent to straw with P annually 1865-71 then (F3) K, Mg equivalent to straw with P annually 1865-71 then (F3) K, Mg equivalent to straw with P annually 1865-71 then (F3) K, Mg equivalent to straw with P annually 1865-71 then (F4) K, Mg equivalent to straw with P annually 1865-71 then (F4) K, Mg equivalent to straw with P annually 1865-71 then (F3) K, Mg equivalent to straw with N 3 1865-71 then (LC6) 1981-6 (BE) 7 (WW) - clovery wish to straw with N 1 1865-71 then (LC6) 1981-6 (BE) 7 (WW) - clovery wish to straw with N 1 1865-71 then (LC6) 1981-6 (BE) 7 (WW) - clovery wish to straw with N 1 1865-71 then (LC6) 1981-6 (BE) 7 (WW) - clovery wish to straw with N 1865-11 then (LC6) 1981-6 (BE) 7 (WW) - clovery wish to straw with N 1865-11 then (LC6) 1981-6 (BE) 7 (WW) - clovery wish to straw with Mg 1 1865-11 then (LC6) 1981-6 (BE) 7 (WW) - clovery wish to straw with Mg 1 1865-11 then (LC6) 1981-6 (BE) 7 (WW) - clovery wish to straw with Mg 1 1865-11 then (LC6) 1981-6 (BE) 7 (WW) - clovery wish to straw with Mg 1 1865-11 then (LC6) 1981-6 (BE) 7 (WW) - clovery wish to straw with Mg 1 1865-11 then (LC6) 1981-6 (BE) 7 (WW) - clovery wish to straw with Mg 1 1865-11 then (LC6) 1981-6 (BE) 7 (WW) - clovery wish to straw with Mg 1 1865-11 then (LC6) 1981-6 (BE) 7 (WW) - clovery wish to straw wish to straw wish to straw with Mg 1 1865-11 then (LC6) 1981-6 (BE) 7 (WW) - clovery wish to straw | | VARIETIES: BE Barner sown 22 1225/h 24/L) on 230xtdd 1900 508PLOT AREA 14/x 30' = 0.0039 ha. | Wheeans are sown solid seed pleughed in, and puths cut later |
|---|--|--|--|--|
| MOBURN MINNES BLOCK II W. WERT BLOCK II W. BERNS 44th FEET Crop A O1 O2 O2 O3 O4 O5 O6 O7 O3 O9 O9 10 11 12 13 14 15 16 \ 1 5 43 - 4 4 - 3 4 5 3 4 - 5 4 (7)(5)(3)(1)(2)(5)(5)(5)(7)(6)(7)(9)(1)(4)(5)(3) | $\begin{pmatrix} L_{c,b} & (E_{c,b}) & (E_{$ | 36ck III. W. Wheat Block IV W. beans 4th test cr 2 18 19 20 21 22 23 24 25 26 27 28 29 30 31 2 313 43 115 344 (5)(4)(1)(4)(2)(3)(-)(4)(1)(2)(2)(2)(2)(2)(2)(2)(2)(2)(2)(2)(2)(2) | | V 14 4 3 5 - 2 4 2 5 - 3 - 1 1 5 (3/2) (3/2) (3/3) (-3/1) (3/3) (-3/1) (4/2) V (5/2) V |

| 17 28th year STACKYARD B 1992 Sponsor: P. R. Poulton | TREATHENTS Residues of organic manifolds (bg) FYM annually 1965-71 (6m) Green manure annually (Fb) Peat annually 1965-71 th Residues of Fertility of (Fg) FK Mg Equivalent to (Dg) Int (Fg) FK Mg Equivalent to (Dg) Int (Fg) FK Mg Equivalent to (Bl) (Fg) K Mg Equivalent to (Bl) | 245 plot N Treatments Kg N ha | 8 ASAL MANDRE B S 60 Kg La on 3 OLT 1991 No. 4 R 1274 VAR 1274 Merela Sown a 140 Kg La on 3 Oct 1991 14, x 30, = 0.0039 ha. |
|---|---|-------------------------------|---|
| ORGANIC MANURING EXPERIMENT | (P) | BLock IV 1st wheat | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| WOBURN W. Wheat | 0 - 1 - 2 - 1 | 230' Block III 2nd wheat | $\begin{bmatrix} 1 & 17 & 18 & 19 & 20 & 21 & 22 & 23 & 24 \\ 3 & 1 & 2 & 3 & 1 & 2 & 3 & 1 & 4 & 3 & 1 & 4 & 1 & 1 \\ 5 & 1 & 15 & 1 & 1 & 2 & 1 & 1 & 2 & 1 & 1 & 5 & 3 & 4 & -1 & 1 \\ 5 & 1 & 15 & 1 & 15 & 1 & 1 & 2 & 1 & 1 & 5 & 1 & 1 & 5 & 3 & 2 & 1 \\ 5 & 16 & 15 & 11 & 15 & 11 & 1 & 2 & 14 & 5 & 12 & 3 & 2 & 2 & 3 & 2 & 2 \\ 5 & 16 & 15 & 11 & 1 & 15 & 11 & 1 & 2 & 14 & 5 & 12 & 2 & 3 & 2 & 2 & 2 & 2 & 2 & 2 & 2 & $ |



