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Yields of the Field Experiments 1977

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77/W/CS/11 Soil Structure - Ley

Rothamsted Research

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77/W/CS/10 STACKYARD (W)

STRAW TONNES/HECTARE

***** TABLES OF MEANS *****

| | | | | | |
|------|------|------|------|------|------|
| P205 | 0 | | 63 | | |
| K20 | 0 | 126 | 0 | 126 | |
| LIME | | | | | |
| 0 | 1.37 | 1.26 | 1.76 | 2.56 | |
| 5 | 1.65 | 1.69 | 2.40 | 2.95 | |
| 12 | 1.81 | 2.23 | 2.60 | 3.03 | |
| 19 | 2.01 | 2.45 | 2.58 | 3.09 | |
| P205 | 0 | | 63 | | |
| MG | 0 | 112 | 0 | 112 | |
| LIME | | | | | |
| 0 | 1.00 | 1.62 | 1.82 | 2.49 | |
| 5 | 1.53 | 1.80 | 2.63 | 2.71 | |
| 12 | 1.87 | 2.17 | 2.86 | 2.78 | |
| 19 | 2.35 | 2.11 | 2.81 | 2.86 | |
| K20 | 0 | | 126 | | |
| MG | 0 | 112 | 0 | 112 | |
| LIME | | | | | |
| 0 | 1.37 | 1.76 | 1.46 | 2.35 | |
| 5 | 1.95 | 2.09 | 2.21 | 2.42 | |
| 12 | 2.20 | 2.21 | 2.53 | 2.74 | |
| 19 | 2.19 | 2.39 | 2.97 | 2.57 | |
| K20 | 0 | | 126 | | |
| MG | 0 | 112 | 0 | 112 | |
| P205 | | | | | |
| 0 | 1.62 | 1.80 | 1.76 | 2.05 | |
| 63 | 2.24 | 2.43 | 2.83 | 2.99 | |
| | K20 | 0 | | 126 | |
| | MG | 0 | 112 | 0 | 112 |
| LIME | P205 | | | | |
| 0 | 0 | 1.16 | 1.58 | 0.85 | 1.66 |
| | 63 | 1.58 | 1.94 | 2.07 | 3.04 |
| 5 | 0 | 1.59 | 1.70 | 1.47 | 1.90 |
| | 63 | 2.31 | 2.48 | 2.95 | 2.95 |
| 12 | 0 | 1.72 | 1.90 | 2.02 | 2.45 |
| | 63 | 2.68 | 2.52 | 3.04 | 3.03 |
| 19 | 0 | 2.00 | 2.02 | 2.70 | 2.20 |
| | 63 | 2.38 | 2.77 | 3.24 | 2.94 |

STRAW MEAN DM% 88.7

SUB PLOT AREA HARVESTED 0.00247

77/W/CS/11

1ST CUT (1/6/77) DRY MATTER TONNES/HECTARE

***** TABLES OF MEANS *****

| NPERCUT PEAT | 0 | 30 | 60 | 90 | MEAN |
|-----------------|------|------|------|------|------|
| 0 | 0.93 | 3.39 | 4.34 | 5.81 | 3.62 |
| 8 | 0.99 | 4.04 | 6.22 | 5.35 | 4.15 |
| 55 | 1.46 | 3.24 | 4.88 | 7.26 | 4.21 |
| 110 | 3.13 | 3.29 | 5.56 | 5.36 | 4.33 |
| 165 | 1.14 | 3.89 | 4.78 | 6.92 | 4.18 |
| MEAN | 1.53 | 3.57 | 5.16 | 6.14 | 4.10 |

2ND CUT (20/7/77) DRY MATTER TONNES/HECTARE

***** TABLES OF MEANS *****

| NPERCUT PEAT | 0 | 30 | 60 | 90 | MEAN |
|-----------------|------|------|------|------|------|
| 0 | 0.45 | 1.79 | 2.69 | 2.97 | 1.98 |
| 8 | 0.39 | 2.13 | 3.17 | 3.41 | 2.28 |
| 55 | 0.62 | 1.91 | 2.44 | 4.29 | 2.31 |
| 110 | 0.74 | 1.94 | 2.93 | 3.49 | 2.28 |
| 165 | 0.45 | 1.89 | 2.73 | 3.21 | 2.07 |
| MEAN | 0.53 | 1.93 | 2.79 | 3.47 | 2.18 |

3RD CUT (29/9/77) DRY MATTER TONNES/HECTARE

***** TABLES OF MEANS *****

| NPERCUT PEAT | 0 | 30 | 60 | 90 | MEAN |
|-----------------|------|------|------|------|------|
| 0 | 0.21 | 0.86 | 1.73 | 2.33 | 1.28 |
| 8 | 0.18 | 1.06 | 1.82 | 2.03 | 1.27 |
| 55 | 0.26 | 0.91 | 1.73 | 2.75 | 1.42 |
| 110 | 0.36 | 0.88 | 1.74 | 2.00 | 1.25 |
| 165 | 0.16 | 0.84 | 1.55 | 2.51 | 1.27 |
| MEAN | 0.23 | 0.91 | 1.72 | 2.32 | 1.30 |

TOTAL OF 3 CUTS

***** TABLES OF MEANS *****

| NPERCUT PEAT | 0 | 30 | 60 | 90 | MEAN |
|-----------------|------|------|-------|-------|------|
| 0 | 1.58 | 6.03 | 8.76 | 11.11 | 6.87 |
| 8 | 1.56 | 7.24 | 11.22 | 10.78 | 7.70 |
| 55 | 2.34 | 6.06 | 9.05 | 14.30 | 7.94 |
| 110 | 4.22 | 6.11 | 10.24 | 10.85 | 7.86 |
| 165 | 1.75 | 6.62 | 9.07 | 12.65 | 7.52 |
| MEAN | 2.29 | 6.41 | 9.67 | 11.94 | 7.58 |

PLOT AREA HARVESTED 0.00052