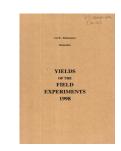
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Yields of the Field Experiments 1998



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Rothamsted Research

Rothamsted Research (1999) 98/R/CS/408 Miscanthus Sinensis Giganteus Study - Grass; Yields Of The Field Experiments 1998, pp 73 - 73 - DOI: https://doi.org/10.23637/ERADOC-1-52

98/R/CS/408

MISCANTHUS SINENSIS GIGANTEUS STUDY

Object: To quantify the biomass yield potential of *Miscanthus sinensis* Giganteus - Road Piece West.

Sponsor: D.G. Christian.

The sixth year, grass.

For previous years see 94-97/R/CS/408.

Design: 3 randomised blocks of 3 plots.

Whole plot dimensions: 10.0×10.0 .

Treatments:

N Nitrogen fertilizer cumulative to previous dressings, kg N:

- None N1 60 N2 120

Experimental diary:

08-May-98 : B : Dow Shield at 0.5 1 in 220 1, spot treated thistles.

04-Jun-98 : \mathbf{T} : \mathbf{N} N1, N2: 34.5% N at 174 and 348 kg respectively. 16-Jun-98 : B : Muriate of potash at 286 kg.

01-Feb-99 : B : Hand harvested.

NOTE: Plants were measured regularly for stem height and density. Samples were taken regularly to measure dry matter and for chemical analysis.

DRY MATTER TONNES/HECTARE

***** Tables of means *****

N - N1 N2 Mean 15.46 15.02 15.37 15.28

*** Standard errors of differences of means ***

N

0.322

***** Stratum standard errors and coefficients of variation *****

Stratum d.f. s.e. cv%

BLOCK.WP 4 0.394 2.6

MEAN DM% 44.9 AVERAGE PLOT AREA HARVESTED 0.00444