

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

Yields of the Field Experiments 2000

[Full Table of Content](#)



00/R/CS/408 *Miscanthus Sinensis Giganteus* Study - Grass

Rothamsted Research

Rothamsted Research (2001) *00/R/CS/408 Miscanthus Sinensis Giganteus Study - Grass* ; Yields Of The Field Experiments 2000, pp 69 - 69 - DOI: <https://doi.org/10.23637/ERADOC-1-55>

00/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 eighth year, grass.

For previous years see 94-99/R/CS/408.

Design: 3 randomised blocks of 3 plots.

Whole plot dimensions: 10.0 x 10.0.

Treatments:

N	Nitrogen fertilizer cumulative to previous annual dressings, kg N:
-	None
N1	60
N2	120

Experimental diary:

19-May-00 : B : : Muriate of potash at 583 kg. Triple superphosphate at
291 kg.
25-May-00 : T : N1 : 34.5% N at 174 kg.
: T : N2 : 34.5% N at 348 kg.
16-Jun-00 : B : : Starane 2 at 1.0 l in 300 l.
07-Feb-01 : B : : Cut.

NOTE: Soil water was sampled during the winter for nitrate and ammonium content.
Harvested samples were analysed for chemical content.

DRY MATTER TONNES/HECTARE

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

N	-	N1	N2	Mean
	14.51	12.38	13.73	13.54

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

N
0.721

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	4	0.883	6.5

MEAN DM% 51.3

AVERAGE PLOT AREA HARVESTED 0.00345