

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 1997

[Full Table of Content](#)



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

Rothamsted Research

Rothamsted Research (1998) 97/R/CS/408 *Miscanthus Sinensis Giganteus* Study - Grass ; Yields Of The Field Experiments 1997, pp 72 - 72 - DOI: <https://doi.org/10.23637/ERADOC-1-53>

97/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 fifth year, grass.

For previous years see 94-96/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 dressings, kg N:
-	None
N1	60
N2	120

Experimental diary:

10-Mar-97 : B : Barclay Gallup at 4.0 l in 200 l.
11-Apr-97 : B : Muriate of potash at 281 kg.
22-May-97 : T : N N1, N2: 34.5% N applied at 174 and 348 kg respectively.
04-Feb-98 : B : Hand harvested.

NOTE: Stems per plant and heights were measured regularly. Biomass and nutrient content were measured regularly.

DRY MATTER TONNES/HECTARE

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

N	-	N1	N2	Mean
	14.34	14.09	14.76	14.40

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

N
0.540

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	4	0.661	4.6
MEAN DM% 48.5		PLOT AREA HARVESTED	0.00423