

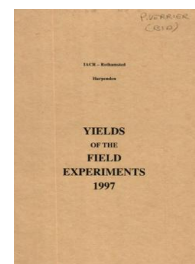
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### 97/R/CS/408 *Miscanthus Sinensis Giganteus* Study - Grass

#### 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