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## Yields of the Field Experiments 2000

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### 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:**

<b>N</b>	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 \*\*\*\*\*

<b>N</b>	-	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		