

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 1999

[Full Table of Content](#)



### 99/R/CS/411 Panicum Study - Grass

#### Rothamsted Research

Rothamsted Research (2000) *99/R/CS/411 Panicum Study - Grass* ; Yields Of The Field Experiments 1999, pp 69 - 70 - DOI: <https://doi.org/10.23637/ERADOC-1-34>

99/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 seventh year, grass.

For previous years see 94-98/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 dressings, kg N:
-	None
N1	60
N2	120

**Experimental diary:**

07-Apr-99	: B :	: Decoy at 15 kg.
	: B :	: Starane 2 at 1.0 l in 220 l eastern 6 m.
	: B :	: Starane 2 at 1.0 l in 400 l except eastern 6 m.
03-Jun-99	: T : N1	: 34.5% N at 174 kg
	: T : N2	: 34.5% N at 348 kg
27-Jan-00	: B :	: Cut.

**DRY MATTER TONNES/HECTARE**

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

<b>N</b>	-	N1	N2	Mean
	14.49	14.05	14.76	14.44

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

<b>N</b>
0.163

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	4	0.200	1.4

MEAN DM% 52.4

AVERAGE PLOT AREA HARVESTED 0.00041

99/R/CS/411

**PANICUM STUDY**

**Object:** To quantify the biomass yield potential of varieties of *Panicum virgatum* species - Road Piece West.

**Sponsor:** D.G. Christian.

The seventh year, grass.

For previous year see 94-98/R/CS/411

**Design:** 3 randomised blocks of 7 x 2 plots.

**Whole plot dimensions:** 5.0 x 2.0.

**Treatments:** All combinations of:-

1. **VARIETY**

CAVIN R	Cave-in-Rock
KANLOW	Kanlow
PATHFIND	Pathfinder
SUNBURST	Sunburst
FORESTB	Forestburg
NEBR 28	Nebraska 28
DACOTAH	Dacotah

2. **N** Nitrogen fertilizer, kg N cumulative to previous dressings:

-	None
N1	60

**Experimental diary:**

07-Apr-99	: B :	: Decoy at 15 kg.
09-Apr-99	: B :	: Roundup at 4.0 l in 220 l.
03-Jun-99	: T : N1	: 34.5% N at 174 kg.
11-Jan-00	: B :	: Cut.