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

Rothamsted Research

Rothamsted Research (1997) *96/R/CS/408 Miscanthus Sinensis Giganteus Study - Grass* ; Yields Of The Field Experiments 1996, pp 82 - 82 - DOI: <https://doi.org/10.23637/ERADOC-1-51>

96/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 fourth year, grass.

For previous years see 94-5/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:

23-May-96 : B : Muriate of potash at 233 kg.
 : T : N N1, N2: 34.5% N applied.
05-Jun-96 : B : Duplosan New System CMPP at 2.5 l with Oxytril CM at
 0.9 l in 200 l.
06-Mar-97 : B : Hand harvested.

NOTE: Stems were sampled periodically to assess dry matter and nutrient content.

DRY MATTER TONNES/HECTARE

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

N	-	N1	N2	Mean
	13.73	11.52	12.35	12.53

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

N
1.146

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	4	1.404	11.2
MEAN DM% 44.9		PLOT AREA HARVESTED	0.00423