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

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95/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 third year, grass.

For previous year see 94/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:

15-May-95 : B : Muriate of potash at 281 kg.
 : T : N N1, N2: 27% N applied.
30-Jan-96 : B : Cut.

NOTE: The crop was sampled periodically to measure leaf area, biomass and nutrient content. Shoot number and shoot height were measured monthly. Soil nitrogen was measured in April.

DRY MATTER TONNES/HECTARE

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

N	-	N1	N2	Mean
	11.48	9.84	11.02	10.78

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

N
0.558

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	4	0.683	6.3
MEAN DM% 44.05		PLOT AREA HARVESTED	0.00422