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99/R/CS/480 Miscanthus Genotypes - Grasses

Rothamsted Research

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99/W/CS/478 MAIZE

WHOLE CROP YIELD TONNES/HECTARE

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

CROP	
M	9.14
MB	9.80
MTB	9.52
Mean	9.49

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

CROP
0.861

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	4	1.055	11.1

GRAIN MEAN DM% 32.8

PLOT AREA HARVESTED 0.00108

S. BARLEY

GRAIN TONNES/HECTARE

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

CROP	
BM	3.98
BTM	4.39
B	3.87
Mean	4.08

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

CROP
0.120

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	4	0.147	3.6

GRAIN MEAN DM% 85.8

PLOT AREA HARVESTED 0.00575

99/R/CS/480

MISCANTHUS GENOTYPES

Object: To compare growth, yield, winter survival and quality for combustion and fibre uses of a range of miscanthus genotypes - Long Hoos III 4.

Sponsors: D.G. Christian.

For previous year see 98/R/CS/480.

The third year, grasses.

Design: 3 randomised blocks of 15 plots.

Plot dimensions: 5.0 x 5.0.

Treatments:-

GENOTYPE

1	Giganteus/M1 Lasel 1
2	Giganteus/M53 ILP53
3	Giganteus/M56 Haga 56
4	Giganteus/M63 Greif 63
5	Sacchariflorus/M11 Materec 11
6	Sinensis H/M7 Gofal 7
7	Sinensis H/M42 Berbo 42
8	Sinensis H/M43 RH43
9	Sinensis H/M78 Jesel 78
10	Sinensis H/M81 RH81
11	Sinensis /88-110
12	Sinensis /88-111
13	Sinensis /90-5
14	Sinensis /90-6
15	Sinensis /SW 217

Experimental diary:

12-Mar-99 : B : : tm)PDQ at 3.0 l in 200 l.
 : B : : tm)Enhance at 100 ml in 200 l.
03-Jun-99 : B : : Muriate of potash at 276 kg.
 : B : : Triple superphosphate at 213 kg.
 : B : : 34.5% N at 174 kg.
28-Jan-00 : B : : Cut.