

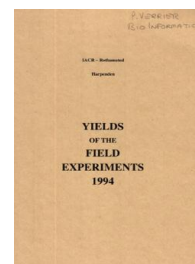
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## Yields of the Field Experiments 1994

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### 94/R/CS/411 Panicum Spp Study Grass - Grass

#### Rothamsted Research

Rothamsted Research (1995) *94/R/CS/411 Panicum Spp Study Grass - Grass* ; Yields Of The Field Experiments 1994, pp 89 - 90 - DOI: <https://doi.org/10.23637/ERADOC-1-49>

94/R/CS/411

**PANICUM STUDY**

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

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

The second year, grass.

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

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

**Treatments:**

- |                    |                                      |
|--------------------|--------------------------------------|
| 1. <b>VARIETY</b>  | Variety:                             |
| CAVIN R            | Cave in Rock                         |
| KANLOW             | Kanlow                               |
| PATHFIND           | Pathfinder                           |
| SUNBURST           | Sunburst                             |
| FOREST B           | Forest Burg                          |
| NEBR 28            | NEBR 28                              |
| DAKOTAH            | Dakotah                              |
| 2. <b>NITROGEN</b> | Rates of fertilizer nitrogen (kg N): |
| -                  | None                                 |
| N1                 | 60                                   |

**Experimental diary:**

06-Jan-94 : B : Gramoxone 100 at 3.0 l in 220 l.  
02-Feb-94 : B : Gesaprim 500 SC at 3.0 l in 220 l.  
12-May-94 : T : **NITROGEN** N1: 34.5% N at 174 kg.  
07-Mar-95 : B : Cut.

**NOTE:** All varieties were drilled at 10 kg on 12 May 1993.

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DRY MATTER TONNES/HECTARE

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

NITROGEN VARIETY	-	N1	Mean
CAVIN R	6.75	5.65	6.20
KANLOW	7.71	3.57	5.64
PATHFIND	6.89	5.43	6.16
SUNBURST	5.34	4.58	4.96
FOREST B	6.27	6.31	6.29
NEBR 28	5.95	5.36	5.66
DAKOTAH	4.41	3.96	4.18
Mean	6.19	4.98	5.58

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

VARIETY	NITROGEN	VARIETY NITROGEN
0.802	0.429	1.134

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	26	1.389	24.9
MEAN DM%	74.8		
PLOT AREA HARVESTED	0.00003		