

**2000 Freeport Grass Variety Trial**

| Brand-Variety  | Species <sup>1</sup> | 2003   |        |        |        |        | 2002   | 2001   | 3-yr   | Relative    |
|----------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|
|                |                      | 27-May | 27-Jun | 29-Jul | 27-Aug | Total  | Total  | Total  | Total  | Yield       |
| * Experimental |                      | T DM/A | T DM/A | T DM/A | T DM/A | T DM/A | T DM/A | T DM/A | T DM/A | % Trial Mea |
| FESTIVAL       | TF                   | 2.51   | 1.84   | 1.79   | 0.69   | 6.81   | 5.72   | 6.67   | 19.20  | 121         |
| KENTUCKY 31    | TF                   | 2.29   | 1.63   | 1.66   | 0.73   | 6.30   | 4.95   | 6.97   | 18.21  | 115         |
| SELECT         | TF                   | 2.28   | 1.48   | 1.53   | 0.62   | 5.91   | 5.18   | 6.53   | 17.61  | 111         |
| MAXQ JESUP     | TF                   | 2.35   | 1.62   | 1.66   | 0.72   | 6.33   | 4.70   | 6.25   | 17.27  | 109         |
| KOKANEE        | TF                   | 1.86   | 2.01   | 1.39   | 0.48   | 5.74   | 4.63   | 5.59   | 15.95  | 101         |
| OG9705G        | OG                   | 1.82   | 1.48   | 1.56   | 0.56   | 5.41   | 4.79   | 5.12   | 15.32  | 97          |
| OKAY           | OG                   | 2.20   | 1.52   | 1.41   | 0.38   | 5.50   | 4.38   | 4.98   | 14.86  | 94          |
| POTOMAC        | OG                   | 1.89   | 1.54   | 1.43   | 0.45   | 5.32   | 4.50   | 5.04   | 14.85  | 94          |
| EASTWOOD       | OG                   | 0.92   | 1.14   | 1.17   | 0.37   | 3.59   | 3.21   | 2.75   | 9.54   | 60          |
|                | <b>Mean</b>          | 2.05   | 1.57   | 1.51   | 0.55   | 5.67   | 4.65   | 5.51   | 15.84  |             |
|                | <b>5%_LSD</b>        | 0.41   | 0.32   | 0.27   | 0.14   | 0.91   | 0.79   | 0.90   | 2.21   |             |
|                | <b>CV(%)</b>         | 13.67  | 14.04  | 12.30  | 17.42  | 11.03  | 11.63  | 11.31  | 9.60   |             |
|                | <b>MCV(%)</b>        | 19.83  | 20.36  | 17.85  | 25.27  | 16.00  | 16.88  | 16.41  | 13.93  |             |

**Date of Seeding: April 4th, 2000.**

**Soil Type: Flagg silt loam.**

**Fertilization: 50lbs N 30 days before harvest.**

**Plot Dimensions: 3' x19'.**

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|---|------------------------|------------------------------------|
| 1 | OG= Orchard grass      | PG= Prairie grass                  |
|   | PR= Perennial ryegrass | HRG= Hybrid ryegrass               |
|   | SB= Smooth bromegrass  | PRT= Perennial ryegrass tetraploid |
|   | TF= Tall fescue        | MX= Mixture                        |
|   | C= Chicory             | FS= Festulolium                    |
|   | TM= Timothy            | LH= Lolium Hybridum                |
|   | PB= Prairie Bromegrass | RC= Reed canarygrass               |