

**2004 Urbana Grass Variety Trial**

| Brand-Variety  | Species <sup>1</sup> | 2006   |        |        |        |        | 2005   | Grand  | Relative     |
|----------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------------|
|                |                      | 24-May | 26-Jun | 1-Aug  | 8-Sep  | 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 | % Trial Mean |
| FESTIVAL       | TF                   | 5.22   | 0.56   | 1.92   | 1.79   | 9.48   | 5.74   | 15.23  | 131          |
| ARKPLUS        | TF                   | 5.10   | 0.43   | 2.09   | 1.70   | 9.32   | 5.39   | 14.71  | 127          |
| ENHANCE        | TF                   | 5.25   | 0.46   | 1.74   | 1.80   | 9.24   | 5.36   | 14.60  | 126          |
| JESUP MAX Q    | TF                   | 4.41   | 0.32   | 1.76   | 1.79   | 8.28   | 5.56   | 13.84  | 119          |
| KENTUCKY 31    | TF                   | 4.44   | 0.34   | 1.64   | 1.99   | 8.41   | 5.39   | 13.80  | 119          |
| STOCKMAN       | TF                   | 4.26   | 0.35   | 1.59   | 1.71   | 7.91   | 5.81   | 13.72  | 118          |
| HYKOR          | FS                   | 4.49   | 0.41   | 1.96   | 1.59   | 8.44   | 4.77   | 13.21  | 114          |
| AMBASSADOR     | OG                   | 4.12   | 0.33   | 2.03   | 1.19   | 7.67   | 5.31   | 12.98  | 112          |
| TAKENA 2       | OG                   | 4.05   | 0.65   | 2.00   | 0.77   | 7.46   | 4.24   | 11.69  | 101          |
| PERSIST        | OG                   | 3.94   | 0.41   | 1.69   | 1.22   | 7.26   | 4.33   | 11.60  | 100          |
| LINCOLN        | SB                   | 4.15   | 0.37   | 2.05   | 1.13   | 7.69   | 3.53   | 11.21  | 97           |
| PROFILE        | OG                   | 3.84   | 0.38   | 1.63   | 1.16   | 7.01   | 4.12   | 11.13  | 96           |
| POTOMAC        | OG                   | 3.70   | 0.37   | 1.60   | 1.21   | 6.87   | 3.91   | 10.78  | 93           |
| PERUN          | FS                   | 3.33   | 0.17   | 1.69   | 1.37   | 6.55   | 4.15   | 10.70  | 92           |
| CLAIR          | TM                   | 4.02   | 0.23   | 1.71   | 1.21   | 7.16   | 3.40   | 10.56  | 91           |
| TONGA          | RGT                  | 3.26   | 0.33   | 1.93   | 1.53   | 7.04   | 3.17   | 10.21  | 88           |
| MONTANA        | MB                   | 3.68   | 0.27   | 1.49   | 1.20   | 6.63   | 3.54   | 10.16  | 88           |
| BISON          | HRG                  | 2.78   | 0.28   | 1.79   | 1.60   | 6.46   | 3.44   | 9.89   | 85           |
| GRAND DADDY    | RG                   | 2.63   | 0.52   | 1.96   | 1.46   | 6.57   | 2.99   | 9.56   | 82           |
| TERELITE II    | HRG                  | 2.60   | 0.27   | 1.75   | 1.51   | 6.14   | 3.15   | 9.29   | 80           |
| AUBISQUE       | PRT                  | 2.76   | 0.20   | 1.31   | 1.25   | 5.51   | 2.53   | 8.04   | 69           |
| VOYAGER        | HRG                  | 2.46   | 0.26   | 1.14   | 1.73   | 5.58   | 2.44   | 8.02   | 69           |
|                | <b>Mean</b>          | 3.84   | 0.36   | 1.75   | 1.45   | 7.39   | 4.19   | 11.59  |              |
|                | <b>5%_LSD</b>        | 0.59   | 0.19   | 0.45   | 0.25   | 1.10   | 0.79   | 1.63   |              |
|                | <b>CV(%)</b>         | 10.93  | 37.49  | 18.29  | 12.01  | 10.52  | 13.29  | 9.93   |              |
|                | <b>MCV(%)</b>        | 15.45  | 52.98  | 25.85  | 16.97  | 14.87  | 18.78  | 14.03  |              |

**Date of Seeding: April 3th, 2004.**

**Soil Type: Drummer-Flanagan silty-clay loam.**

**Herbicides: May 19th (2,4-D) and August 21st (Stinger).**

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

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

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|---|------------------------|------------------------------------|
| 1 | OG= Orchardgrass       | 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               |
|   |                        | MB= Meadow Brome                   |