

2006 Urbana Grass Variety Trial

| Brand-Variety<br>* Experimental | Species <sup>1</sup> | 2009             |                  |                  |                  |                 | 2008            | 2007            | Grand           | Relative              |
|---------------------------------|----------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------------|
|                                 |                      | 27-May<br>T DM/A | 27-Jun<br>T DM/A | 27-Jul<br>T DM/A | 27-Aug<br>T DM/A | Total<br>T DM/A | Total<br>T DM/A | Total<br>T DM/A | Total<br>T DM/A | Yield<br>% Trial Mean |
| Check AL                        | TF                   | 3.83             | 1.66             | 1.26             | 1.50             | 8.24            | 7.04            | 5.99            | 21.27           | 116                   |
| AGR FA 152*                     | TF                   | 3.11             | 1.19             | 1.29             | 1.95             | 7.54            | 7.76            | 5.77            | 21.08           | 115                   |
| Jesup MaxQ                      | TF                   | 3.34             | 1.28             | 1.25             | 1.91             | 7.79            | 7.21            | 5.81            | 20.81           | 113                   |
| Check LC                        | TF                   | 3.42             | 1.59             | 1.51             | 2.00             | 8.52            | 6.47            | 5.75            | 20.73           | 113                   |
| Lincoln                         | SB                   | 3.42             | 1.12             | 0.66             | 1.74             | 6.93            | 7.33            | 6.28            | 20.54           | 112                   |
| AGR FA 140*                     | TF                   | 2.87             | 1.33             | 1.26             | 1.71             | 7.17            | 6.94            | 5.75            | 19.86           | 108                   |
| AGR FA 150*                     | TF                   | 2.94             | 1.31             | 1.05             | 1.85             | 7.14            | 7.16            | 5.46            | 19.75           | 107                   |
| Potomac                         | OG                   | 3.43             | 1.44             | 1.08             | 1.53             | 7.48            | 6.65            | 5.49            | 19.62           | 107                   |
| Shiloh II                       | OG                   | 2.67             | 1.69             | 1.06             | 1.43             | 6.84            | 7.18            | 5.59            | 19.61           | 107                   |
| KFA 402 V 542*                  | TF                   | 2.65             | 1.50             | 1.28             | 1.62             | 7.04            | 7.32            | 4.97            | 19.33           | 105                   |
| Kentucky 31 E+                  | TF                   | 2.76             | 1.29             | 1.11             | 1.56             | 6.72            | 6.86            | 5.27            | 18.84           | 102                   |
| Verdant                         | TF                   | 2.73             | 1.51             | 1.27             | 1.83             | 7.34            | 6.24            | 5.17            | 18.75           | 102                   |
| Olympia                         | OG                   | 2.54             | 1.30             | 1.17             | 1.50             | 6.50            | 6.78            | 5.43            | 18.71           | 102                   |
| AGR FA 155*                     | TF                   | 2.82             | 1.41             | 1.18             | 1.87             | 7.28            | 6.63            | 4.69            | 18.59           | 101                   |
| TF-4*                           | TF                   | 2.37             | 1.17             | 1.22             | 1.53             | 6.29            | 6.78            | 5.14            | 18.20           | 99                    |
| AGR FX 101*                     | FS                   | 2.57             | 1.42             | 1.29             | 1.73             | 7.01            | 6.19            | 4.92            | 18.11           | 98                    |
| AGR FA 148*                     | TF                   | 3.49             | 1.37             | *                | *                | 4.86            | 7.43            | 5.66            | 17.94           | 98                    |
| RAD-BIX33*                      | HSB                  | 2.30             | 0.97             | 0.79             | 1.65             | 5.70            | 6.51            | 5.73            | 17.94           | 98                    |
| K 6562 QII 542*                 | TF                   | 2.40             | 1.38             | 1.26             | 1.80             | 6.84            | 6.30            | 4.72            | 17.86           | 97                    |
| AGR FX 104*                     | FS                   | 2.64             | 1.26             | 1.15             | 1.78             | 6.83            | 5.93            | 4.89            | 17.64           | 96                    |
| AGR FA 144*                     | TF                   | 3.06             | 1.34             | *                | *                | 4.40            | 7.51            | 5.47            | 17.38           | 94                    |
| Tucker                          | OG                   | 2.64             | 1.45             | 1.00             | 1.37             | 6.45            | 5.91            | 4.85            | 17.21           | 94                    |
| AGR FX 102*                     | FS                   | 2.61             | 1.30             | 1.14             | 1.90             | 6.95            | 5.43            | 4.80            | 17.18           | 93                    |
| Check RN                        | TF                   | 3.26             | 1.22             | 1.23             | 1.65             | 7.36            | 5.44            | 4.12            | 16.91           | 92                    |
| AGR FX 103*                     | FS                   | 2.39             | 1.22             | 1.12             | 1.66             | 6.39            | 5.54            | 4.29            | 16.22           | 88                    |
| Ambrosia                        | OG                   | 2.14             | 1.62             | 0.92             | 1.37             | 6.05            | 5.60            | 4.40            | 16.04           | 87                    |
| Advance MaxQ                    | TF                   | 1.95             | 1.35             | 1.00             | 1.67             | 5.96            | 5.78            | 3.75            | 15.49           | 84                    |
| Spring Green                    | FS                   | 1.20             | 1.32             | 0.86             | 1.50             | 4.88            | 4.51            | 4.04            | 13.43           | 73                    |
|                                 | <b>Mean</b>          | 2.77             | 1.36             | 1.13             | 1.68             | 6.73            | 6.51            | 5.15            | 18.39           |                       |
|                                 | <b>5%_LSD</b>        | 0.76             | 0.20             | 0.36             | 0.39             | 1.26            | 0.68            | 0.82            | 2.38            |                       |
|                                 | <b>CV(%)</b>         | 19.49            | 10.35            | 22.79            | 16.52            | 13.26           | 7.42            | 11.34           | 9.20            |                       |
|                                 | <b>MCV(%)</b>        | 27.42            | 14.56            | 32.06            | 23.24            | 18.66           | 10.44           | 15.95           | 12.94           |                       |

Date of Seeding: April 11th, 2006.

Soil Type: Drummer-Flanagan silty-clay loam.

Herbicides: None.

Fertilization: 50lbs N 30 days before harvest.

Plot Dimensions: 3' x19'.

<sup>1</sup> FS= Festulolium  
 HSB= Hybrid smooth brome grass  
 OG= Orchardgrass

SB= Smooth brome grass  
 TF= Tall fescue