

12/18/09

Replicated Tests of Blue River Hybrids from 113 to 117 Days - 2009

| Area | Loc | Hybrid | Mat | Yield | % of Loc Average | Moist | % SL | % RL | Popn |
|------------------------------|---------------------|---------------|-----|-------|------------------|-------|------|------|-------|
| IL/In 4 | Seymour,IN | PIONEER 33T56 | 113 | 185.5 | 92.8% | 24.55 | 1.5 | 1.5 | 34000 |
| IL/In 4 | IL, MtPulaski | PIONEER 33T56 | 113 | 179.9 | 90.0% | 22.85 | 0.0 | 0.0 | 30000 |
| IL/In 4 | IL,Walnut Grove | PIONEER 33T56 | 113 | 214.2 | 107.2% | 23.80 | 0.0 | 0.0 | 30000 |
| IL/In 4 | PAN:Farmersburg,IN | PIONEER 33T56 | 113 | 256.8 | 128.5% | 18.75 | 0.0 | 0.0 | 32400 |
| IL/In 4 Average | | | | 209.1 | 104.7% | 22.49 | 0.4 | 0.4 | 31600 |
| Iowa 4 | IA,Atalntic | PIONEER 33T56 | 113 | 216.9 | 120.3% | 24.70 | 0.0 | 2.5 | 30000 |
| Iowa 4 | IA,Slater | PIONEER 33T56 | 113 | 206.3 | 114.4% | 27.85 | 0.0 | 0.0 | 28808 |
| Iowa 4 | ISU:Malvern,IA | PIONEER 33T56 | 113 | 166.7 | 92.5% | 20.00 | 0.9 | 13.3 | 30000 |
| Iowa 4 | ISU:Winfield,IA | PIONEER 33T56 | 113 | 176.5 | 97.9% | 22.40 | 0.0 | 0.0 | 30000 |
| Iowa 4 Average | | | | 191.6 | 106.3% | 23.74 | 0.2 | 4.0 | 29702 |
| Nebr/MO 4 | HG:Henderson,NE | PIONEER 33T56 | 113 | 189.1 | 87.8% | 21.95 | 0.0 | 6.6 | 31250 |
| Nebr/MO 4 | KMR:NebraskaCity,NE | PIONEER 33T56 | 113 | 207.9 | 96.5% | 17.98 | 1.7 | 0.0 | 24830 |
| Nebr/MO 4 | KMR:Sutton,NE | PIONEER 33T56 | 113 | 236.2 | 109.7% | 23.52 | 0.0 | 0.0 | 26572 |
| Nebr/MO 4 | MO,StJoesph | PIONEER 33T56 | 113 | 204.2 | 94.8% | 16.85 | 2.5 | 0.0 | 30000 |
| Nebr/MO 4 | NE,York | PIONEER 33T56 | 113 | 247.4 | 114.9% | 20.45 | 1.7 | 2.5 | 30000 |
| Nebr/MO 4 Average | | | | 217.0 | 100.7% | 20.15 | 1.2 | 1.8 | 28530 |
| PIONEER 33T56 Average | | | | 206.7 | 103.6% | 21.97 | 0.6 | 2.0 | 29835 |
| IL/In 4 | Seymour,IN | 70R50 | 114 | 171.5 | 85.8% | 26.00 | 2.2 | 0.0 | 34000 |
| IL/In 4 | IL, MtPulaski | 70R50 | 114 | 178.5 | 89.3% | 25.05 | 0.9 | 0.0 | 30000 |
| IL/In 4 | IL,Walnut Grove | 70R50 | 114 | 196.2 | 98.2% | 25.05 | 0.0 | 0.0 | 30000 |
| IL/In 4 | PAN:Farmersburg,IN | 70R50 | 114 | 232.2 | 116.2% | 19.95 | 0.0 | 0.0 | 32400 |
| IL/In 4 Average | | | | 194.6 | 97.4% | 24.01 | 0.8 | 0.0 | 31600 |
| Iowa 4 | IA,Atalntic | 70R50 | 114 | 194.8 | 108.0% | 25.80 | 1.7 | 0.0 | 30000 |
| Iowa 4 | IA,Slater | 70R50 | 114 | 197.2 | 109.4% | 27.85 | 0.0 | 1.7 | 30060 |
| Iowa 4 | ISU:Malvern,IA | 70R50 | 114 | 182.9 | 101.4% | 21.40 | 0.0 | 0.9 | 30000 |
| Iowa 4 | ISU:Winfield,IA | 70R50 | 114 | 142.7 | 79.1% | 26.30 | 0.0 | 0.0 | 30000 |
| Iowa 4 Average | | | | 179.4 | 99.5% | 25.34 | 0.4 | 0.7 | 30015 |
| Nebr/MO 4 | HG:Henderson,NE | 70R50 | 114 | 222.5 | 103.3% | 24.40 | 0.0 | 0.0 | 32750 |
| Nebr/MO 4 | KMR:NebraskaCity,NE | 70R50 | 114 | 206.8 | 96.0% | 23.13 | 0.0 | 33.4 | 26572 |
| Nebr/MO 4 | KMR:Sutton,NE | 70R50 | 114 | 223.2 | 103.6% | 24.66 | 5.4 | 0.8 | 28750 |
| Nebr/MO 4 | MO,StJoesph | 70R50 | 114 | 203.0 | 94.2% | 18.25 | 3.3 | 0.0 | 30000 |
| Nebr/MO 4 | NE,York | 70R50 | 114 | 247.0 | 114.7% | 22.35 | 10.0 | 0.0 | 30000 |
| Nebr/MO 4 Average | | | | 220.5 | 102.4% | 22.56 | 3.7 | 6.8 | 29614 |
| 70R50 Average | | | | 199.9 | 100.0% | 23.86 | 1.8 | 2.8 | 30349 |
| IL/In 4 | Seymour,IN | 71A09 | 114 | 184.8 | 92.5% | 25.95 | 2.2 | 2.2 | 34000 |

12/18/09

Replicated Tests of Blue River Hybrids from 113 to 117 Days - 2009

| | | | | | | | | | | |
|--------------------------|---------------------|---------------|-----|------------------------------|--------|--------|-------|------|-------|-------|
| IL/In 4 | IL, MtPulaski | 71A09 | 114 | 213.9 | 107.1% | 27.95 | 0.0 | 0.0 | 30000 | |
| IL/In 4 | IL, Walnut Grove | 71A09 | 114 | 194.6 | 97.4% | 26.70 | 0.0 | 0.0 | 30000 | |
| IL/In 4 | PAN:Farmersburg,IN | 71A09 | 114 | 265.9 | 133.1% | 20.55 | 0.0 | 0.0 | 32400 | |
| IL/In 4 Average | | | | 214.8 | 107.5% | 25.29 | 0.6 | 0.6 | 31600 | |
| Iowa 4 | IA,Atalntic | 71A09 | 114 | 214.5 | 119.0% | 30.20 | 0.0 | 2.5 | 30000 | |
| Iowa 4 | IA,Slater | 71A09 | 114 | 210.3 | 116.6% | 30.75 | 0.0 | 0.0 | 30060 | |
| Iowa 4 | ISU:Malvern,IA | 71A09 | 114 | 176.6 | 97.9% | 23.80 | 0.9 | 0.0 | 30000 | |
| Iowa 4 | ISU:Winfield,IA | 71A09 | 114 | 145.3 | 80.6% | 24.55 | 0.0 | 0.9 | 30000 | |
| Iowa 4 Average | | | | 186.7 | 103.5% | 27.33 | 0.2 | 0.9 | 30015 | |
| Nebr/MO 4 | HG:Henderson,NE | 71A09 | 114 | 209.4 | 97.2% | 27.95 | 0.0 | 0.0 | 32000 | |
| Nebr/MO 4 | KMR:NebraskaCity,NE | 71A09 | 114 | 250.2 | 116.2% | 20.16 | 2.4 | 4.1 | 27007 | |
| Nebr/MO 4 | KMR:Sutton,NE | 71A09 | 114 | 234.2 | 108.7% | 26.99 | 6.1 | 1.5 | 28750 | |
| Nebr/MO 4 | MO,StJoesph | 71A09 | 114 | 219.3 | 101.8% | 18.65 | 7.5 | 0.0 | 30000 | |
| Nebr/MO 4 | NE,York | 71A09 | 114 | 227.1 | 105.4% | 25.55 | 14.2 | 0.0 | 30000 | |
| Nebr/MO 4 Average | | | | 228.0 | 105.9% | 23.86 | 6.0 | 1.1 | 29551 | |
| | | | | 71A09 Average | 211.2 | 105.7% | 25.37 | 2.6 | 0.9 | 30324 |
| IL/In 4 | Seymour,IN | PIONEER 33N09 | 114 | 178.2 | 89.2% | 24.90 | 3.7 | 2.2 | 34000 | |
| IL/In 4 | IL, MtPulaski | PIONEER 33N09 | 114 | 180.6 | 90.4% | 25.35 | 0.0 | 1.7 | 30000 | |
| IL/In 4 | IL, Walnut Grove | PIONEER 33N09 | 114 | 182.3 | 91.2% | 25.35 | 0.0 | 0.0 | 30000 | |
| IL/In 4 | PAN:Farmersburg,IN | PIONEER 33N09 | 114 | 247.6 | 123.9% | 21.25 | 0.7 | 0.0 | 32400 | |
| IL/In 4 Average | | | | 197.2 | 98.7% | 24.21 | 1.1 | 1.0 | 31600 | |
| Iowa 4 | IA,Atalntic | PIONEER 33N09 | 114 | 212.2 | 117.7% | 26.05 | 0.0 | 4.2 | 30000 | |
| Iowa 4 | IA,Slater | PIONEER 33N09 | 114 | 183.8 | 101.9% | 28.35 | 0.0 | 0.0 | 29309 | |
| Iowa 4 | ISU:Malvern,IA | PIONEER 33N09 | 114 | 148.6 | 82.4% | 21.10 | 4.2 | 11.7 | 30000 | |
| Iowa 4 | ISU:Winfield,IA | PIONEER 33N09 | 114 | 143.9 | 79.8% | 25.80 | 0.0 | 0.0 | 30000 | |
| Iowa 4 Average | | | | 172.1 | 95.5% | 25.33 | 1.1 | 4.0 | 29827 | |
| Nebr/MO 4 | HG:Henderson,NE | PIONEER 33N09 | 114 | 191.0 | 88.7% | 23.20 | 4.8 | 0.0 | 31750 | |
| Nebr/MO 4 | KMR:NebraskaCity,NE | PIONEER 33N09 | 114 | 250.6 | 116.3% | 19.56 | 7.0 | 4.0 | 25701 | |
| Nebr/MO 4 | KMR:Sutton,NE | PIONEER 33N09 | 114 | 185.6 | 86.2% | 26.45 | 3.7 | 8.8 | 30057 | |
| Nebr/MO 4 | MO,StJoesph | PIONEER 33N09 | 114 | 194.3 | 90.2% | 17.80 | 9.2 | 0.0 | 30000 | |
| Nebr/MO 4 | NE,York | PIONEER 33N09 | 114 | 222.8 | 103.4% | 20.85 | 18.4 | 8.3 | 30000 | |
| Nebr/MO 4 Average | | | | 208.9 | 97.0% | 21.57 | 8.6 | 4.2 | 29502 | |
| | | | | PIONEER 33N09 Average | 194.0 | 97.0% | 23.54 | 4.0 | 3.1 | 30247 |
| IL/In 4 | Seymour,IN | PIONEER 33H25 | 115 | 169.4 | 84.8% | 24.25 | 6.6 | 4.5 | 34000 | |
| IL/In 4 | IL, MtPulaski | PIONEER 33H25 | 115 | 166.5 | 83.3% | 23.45 | 0.9 | 0.0 | 30000 | |
| IL/In 4 | IL, Walnut Grove | PIONEER 33H25 | 115 | 210.0 | 105.1% | 25.35 | 0.0 | 0.0 | 30000 | |
| IL/In 4 | PAN:Farmersburg,IN | PIONEER 33H25 | 115 | 206.6 | 103.4% | 20.60 | 0.0 | 1.4 | 32400 | |

12/18/09

Replicated Tests of Blue River Hybrids from 113 to 117 Days - 2009

| | | | | | | | | | |
|------------------------------|---------------------|---------------|-----|-------|--------|-------|------|------|-------|
| Iowa 4 Average | | | | 188.1 | 94.2% | 23.41 | 1.9 | 1.5 | 31600 |
| Iowa 4 | IA,Atalntic | PIONEER 33H25 | 115 | 197.9 | 109.8% | 25.55 | 0.9 | 0.0 | 30000 |
| Iowa 4 | IA,Slater | PIONEER 33H25 | 115 | 184.8 | 102.5% | 28.50 | 0.0 | 0.0 | 30060 |
| Iowa 4 | ISU:Malvern,IA | PIONEER 33H25 | 115 | 150.5 | 83.5% | 20.60 | 5.0 | 7.5 | 30000 |
| Iowa 4 | ISU:Winfield,IA | PIONEER 33H25 | 115 | 160.0 | 88.7% | 25.55 | 0.0 | 0.9 | 30000 |
| Iowa 4 Average | | | | 173.3 | 96.1% | 25.05 | 1.5 | 2.1 | 30015 |
| Nebr/MO 4 | HG:Henderson,NE | PIONEER 33H25 | 115 | 220.5 | 102.4% | 23.25 | 3.9 | 0.0 | 31750 |
| Nebr/MO 4 | KMR:NebraskaCity,NE | PIONEER 33H25 | 115 | 251.4 | 116.7% | 17.59 | 17.0 | 12.3 | 24830 |
| Nebr/MO 4 | KMR:Sutton,NE | PIONEER 33H25 | 115 | 229.9 | 106.7% | 23.63 | 3.2 | 2.3 | 27225 |
| Nebr/MO 4 | MO,StJoesph | PIONEER 33H25 | 115 | 200.2 | 92.9% | 18.00 | 5.9 | 0.0 | 30000 |
| Nebr/MO 4 | NE,York | PIONEER 33H25 | 115 | 254.2 | 118.0% | 21.20 | 0.9 | 0.0 | 30000 |
| Nebr/MO 4 Average | | | | 231.2 | 107.4% | 20.73 | 6.2 | 2.9 | 28761 |
| PIONEER 33H25 Average | | | | 200.1 | 99.8% | 22.89 | 3.4 | 2.2 | 30020 |
| IL/In 4 | Seymour,IN | 73A34 | 117 | 185.7 | 92.9% | 25.50 | 17.7 | 4.4 | 34000 |
| IL/In 4 | IL, MtPulaski | 73A34 | 117 | 197.4 | 98.8% | 25.40 | 0.0 | 5.8 | 30000 |
| IL/In 4 | IL,Walnut Grove | 73A34 | 117 | 200.4 | 100.3% | 26.55 | 0.0 | 2.5 | 30000 |
| IL/In 4 | PAN:Farmersburg,IN | 73A34 | 117 | 214.1 | 107.2% | 19.95 | 0.7 | 0.0 | 32400 |
| Iowa 4 Average | | | | 199.4 | 99.8% | 24.35 | 4.6 | 3.2 | 31600 |
| Iowa 4 | IA,Atalntic | 73A34 | 117 | 198.4 | 110.0% | 29.05 | 0.0 | 10.0 | 30000 |
| Iowa 4 | IA,Slater | 73A34 | 117 | 188.0 | 104.3% | 31.20 | 0.0 | 3.4 | 30060 |
| Iowa 4 | ISU:Malvern,IA | 73A34 | 117 | 154.6 | 85.7% | 23.40 | 0.0 | 4.2 | 30000 |
| Iowa 4 | ISU:Winfield,IA | 73A34 | 117 | 163.5 | 90.7% | 27.25 | 0.9 | 0.0 | 30000 |
| Iowa 4 Average | | | | 176.1 | 97.7% | 27.73 | 0.2 | 4.4 | 30015 |
| Nebr/MO 4 | HG:Henderson,NE | 73A34 | 117 | 190.4 | 88.4% | 25.25 | 11.2 | 22.9 | 32750 |
| Nebr/MO 4 | KMR:NebraskaCity,NE | 73A34 | 117 | 162.0 | 75.2% | 19.59 | 0.0 | 0.8 | 23523 |
| Nebr/MO 4 | KMR:Sutton,NE | 73A34 | 117 | 221.2 | 102.7% | 28.78 | 3.7 | 0.8 | 29185 |
| Nebr/MO 4 | MO,StJoesph | 73A34 | 117 | 193.1 | 89.6% | 17.95 | 5.8 | 0.0 | 30000 |
| Nebr/MO 4 | NE,York | 73A34 | 117 | 246.5 | 114.4% | 23.60 | 2.5 | 27.5 | 30000 |
| Nebr/MO 4 Average | | | | 202.6 | 94.1% | 23.03 | 4.6 | 10.4 | 29092 |
| 73A34 Average | | | | 193.5 | 96.9% | 24.88 | 3.3 | 6.3 | 30148 |