



# Jonathan Green

FOR THE BEST LAWN IN TOWN



## MONTANA Tall Fescue

**Variety Name:** Montana  
**Kind:** Tall Fescue  
**Genus:** Festuca  
**Species:** arundinacea  
**Experimental Designation:** TF19

Montana has been tested under lawn conditions in Western Oregon, New Jersey and Virginia. Montana exhibited very good turf quality at these locations, indicating that TF19 is suitable for use in fine lawns in these three regions.

TF19 was developed from two cycles of phenotypic selection. In the spring of 2002, 6 plants were selected on the basis of dark color, compact crowns, general freedom from disease and uniform height and maturity. The 6 clones were combined in an isolated polycross nursery and produced Syn1 seed in 2002. Using the original selection criteria, the following rouging was performed: Approximately 48% of the 1500 plants in the Cycle 1 nursery were removed prior to pollination to produce Cycle 2 seed in 2003. Approximately 29% of the 1500 plants in the Cycle 2 nursery were removed prior to pollination to produce Cycle 3 breeder seed in 2004.



MONTANA Tall Fescue test plot.

- Montana Tall Fescue exhibited very good turf quality in Western Oregon, New Jersey and Virginia.
- Montana Tall Fescue exhibited very good genetic color in Western Oregon, New Jersey and Virginia.
- Montana Tall Fescue exhibited fine-leaved texture in Western Oregon, New Jersey and Virginia.
- Montana Tall Fescue exhibited very good turf density in Western Oregon, New Jersey and Virginia.



Equestrian Center at Great Meadows, The Plains, VA. This is the site of the new cool season polo field. Montana was an important component in this polo field seed mixture.



Montana Tall Fescue is a key ingredient in Black Beauty Sod Mixtures.



Montana is a Black Beauty Tall Fescue variety.



Montana Tall Fescue provides the difference in color, texture and brown patch resistance in this sod field in Calhoun, GA.



Compare the Black Beauty (left photo) sod stand containing Montana to the regular tall fescue sod (above) being grown right next to it in the same field.

**2007 TURF TRIALS AT VIRGINIA BEEF'S LATHAM RESEARCH FARM AT HAYMARKET, VIRGINIA**

Rating scale 1-9, 9 = Best

VARIETY	EARLY GERM 10/8/07	CUM. GERM/ESTAB.	EARLY SPRING COLOR 3/27/08	WINTER COLOR 2/25/08	CUM. COLOR	TEXTURE/ UNIFORMITY 10/21/08	CUM. TURF QUALITY	CUM. ALL RATINGS
<b>MONTANA (TF-19)</b>	<b>4.67</b>	<b>5.29</b>	<b>8.33</b>	<b>8.00</b>	<b>7.29</b>	<b>5.00</b>	<b>5.26</b>	<b>6.29</b>
<b>DAKOTA</b>	<b>4.00</b>	<b>4.86</b>	<b>6.33</b>	<b>6.67</b>	<b>6.24</b>	<b>5.33</b>	<b>5.56</b>	<b>5.80</b>
<b>EBONY</b>	<b>3.67</b>	<b>5.06</b>	<b>7.00</b>	<b>6.67</b>	<b>6.17</b>	<b>5.00</b>	<b>5.03</b>	<b>5.66</b>
<b>MUSTANG 4</b>	<b>2.33</b>	<b>4.19</b>	<b>6.00</b>	<b>5.67</b>	<b>4.93</b>	<b>6.33</b>	<b>5.18</b>	<b>5.28</b>
<b>PALLADIN</b>	<b>4.67</b>	<b>5.06</b>	<b>5.33</b>	<b>6.00</b>	<b>5.31</b>	<b>4.00</b>	<b>4.67</b>	<b>5.27</b>
<b>MONTAUK</b>	<b>4.00</b>	<b>5.11</b>	<b>4.33</b>	<b>3.67</b>	<b>3.90</b>	<b>3.67</b>	<b>3.94</b>	<b>4.53</b>

**2004 RADIX RESEARCH TALL FESCUE TURF TRIAL, PEORIA, OREGON**

Rating scale 1-9, 9 = Best

VARIETY	TURF QUALITY MEAN 2005	TURF QUALITY MEAN 2006	TURF COLOR MEAN 2005	TURF COLOR MEAN 2006	LEAF TEXTURE MEAN 2005	LEAF TEXTURE MEAN 2006	TURF DENSITY MEAN 2005	TURF DENSITY MEAN 2006
<b>MONTANA (TF-19)</b>	<b>6.4</b>	<b>6.6</b>	<b>6.8</b>	<b>6.9</b>	<b>6.7</b>	<b>6.5</b>	<b>6.3</b>	<b>6.4</b>
<b>FALCON 4</b>	<b>6.1</b>	<b>6.0</b>	<b>6.1</b>	<b>5.8</b>	<b>6.0</b>	<b>5.9</b>	<b>5.9</b>	<b>6.2</b>
<b>RAPTOR</b>	<b>6.2</b>	<b>6.0</b>	<b>6.4</b>	<b>6.2</b>	<b>5.8</b>	<b>5.9</b>	<b>5.8</b>	<b>5.9</b>
<b>RESERVE</b>	<b>4.6</b>	<b>4.2</b>	<b>4.8</b>	<b>4.4</b>	<b>5.0</b>	<b>5.1</b>	<b>5.2</b>	<b>5.0</b>
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<b>MEAN</b>	<b>5.4</b>	<b>5.7</b>	<b>5.8</b>	<b>5.3</b>	<b>5.9</b>	<b>5.9</b>	<b>5.8</b>	<b>5.9</b>
<b>LSD @ .05</b>	<b>0.6</b>	<b>0.5</b>	<b>0.7</b>	<b>0.6</b>	<b>0.8</b>	<b>0.8</b>	<b>0.7</b>	<b>0.5</b>
<b>CV%</b>	<b>11.7</b>	<b>11.2</b>	<b>12.4</b>	<b>12.0</b>	<b>12.7</b>	<b>12.5</b>	<b>11.4</b>	<b>10.9</b>
<b>HIGH SCORE</b>	<b>7.0</b>	<b>6.9</b>	<b>7.2</b>	<b>7.0</b>	<b>7.7</b>	<b>7.4</b>	<b>6.8</b>	<b>7.1</b>
<b>LOW SCORE</b>	<b>2.8</b>	<b>3.0</b>	<b>4.0</b>	<b>3.7</b>	<b>3.2</b>	<b>3.3</b>	<b>5.3</b>	<b>5.5</b>

Mean, LSD and CV% are for entire trial. Peoria, OR, location consists of silty/clay/loam soils and received 6.5 lbs. N/1000 square feet annually.