

# RESEARCH MATTERS! **BLACK BEAUTY**™ AND **BLUE PANTHER**™ ACROSS THE USA!



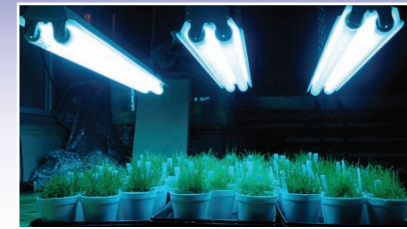
*Seek • Find • Verify*

Improving grass plants is the most important first step in growing a better sod. For many years, Jonathan Green has collaborated with the Virginia Polytechnic Institute and State University. Differences are known to exist among varieties in leaf color, disease resistance and visual quality. However, physiological parameters for explaining the differences between lawn grasses were lacking. Without this knowledge, it is difficult to evaluate breeding candidates in an effort to improve the grasses used in sod production.

New studies, pioneered at Virginia Tech, have revealed the inner processes of lawn grass plant cells. These studies

have assessed how well a lawn grass plant manufactures food from sunlight and how well it wards off disease through antioxidants. This valuable information aids in developing new lawn grass varieties.

My Black Beauty Grass Seed Mixtures and my Blue Panther Kentucky Bluegrass Mixtures are the result of this advanced research. These turfgrasses produce a beautiful lawn, even under tough growing conditions.



▲ We exposed these grasses to punishing, pure Ultra Violet Light, nonstop, twenty-four hours a day for ten straight days.

Dr. Kunzhong Zhang measures the antioxidant content of each plant.



Dr. Erik Ervin, head of the turfgrass science department at Virginia Tech, has worked with Dr. Zhang to evaluate the antioxidant test results.



Dr. Kunzhong Zhang evaluates antioxidant content to determine disease resistance in turfgrasses.



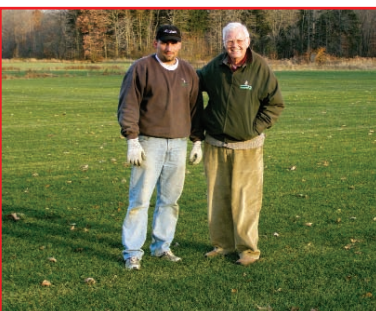
One month after germination, each grass variety was evaluated and rated.



Earl Slack and Craig Dargatz, Pacific Sod Farm, with Greg Hagen, Tehachapi, CA - Black Beauty



Sam Harris, Sod-Rite Turf Farm, with Barry Green II, Selma, IN - Black Beauty



David Reed, Reed's Sod Farm, with Barry Green Sr., Allentown, NJ - Blue Panther



Ed Keeven, Emerald View Turf Farm, with Barry Green II, O'Fallon, MO - Black Beauty



Brian Bouchard, Kingston Turf Farm, with Jeff Moor and Barry Green Sr., West Kingston, RI - Blue Panther



Eric and Scott DeBuck, New Lawn Sod Farm, with Barry Green II, Belleville, MI - Blue Panther



Jeff, Bernard and Kevin Sims, Sims Sod Farm, with Barry Green II, Ringold, GA - Black Beauty



Carmine and Joe Infante, Infante Sod Farm, Creamridge, NJ - Blue Panther



Chuck Christie, Down East Turf Farm, with Barry Green Sr. and Art Cockett, Kennebunk, ME - Blue Panther



Fred Pittillo, Turf Mountain Sod Farm, Hendersonville, NC - Black Beauty



David Utterback, Utterback Farms, with Greg Hagen and Barry Green II, Sacramento, CA - Black Beauty



Darin Habernicht, H & E Sod Farm, with Barry Green Sr., Momence, IL - Blue Panther



Jason and Jacob Pooler, Tri-Turf Sod Farm, Paris, TN - Black Beauty



David Motz, Motz Turf Farm, with Barry Green Sr., Cincinnati, OH - Black Beauty



Mark Slusser, Slusser's Green Thumb, with Barry Green Sr., Logansport, IN - Black Beauty



Dave Johnson, Johnson Sod Farm, with Barry Green Sr., Deerfield, NJ - Black Beauty



**Jonathan Green**

FOR THE BEST LAWN IN TOWN

[www.jonathangreen.com](http://www.jonathangreen.com)

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Tall Fescue Sod Mixture

