



IRONCUTTER | Bermudagrass

# IRONCUTTER

ELITE VEGETATIVE BERMUDAGRASS

**SPRIG-TO-SOD  
RAPID ESTABLISHMENT**

**EXCELLENT DROUGHT  
TOLERANCE**

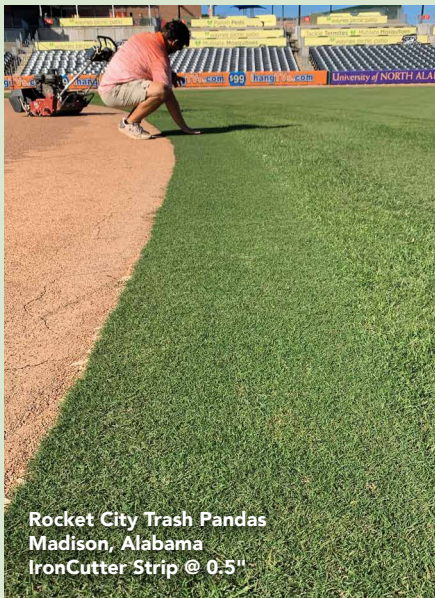
**TOP-RATED  
TURF QUALITY**

**IMPROVED DISEASE  
RESISTANCE**

From the wind-swept turfgrass plots of Enid, Oklahoma rises a new successor in cold-tolerant vegetative bermudagrass: IronCutter™! The result of a 10-year research and breeding partnership, IronCutter is an ideal choice for better all-around consistency and the highest turfgrass quality across the entire reach of bermudagrass growing zones.

IronCutter, a clonally propagated F1 interspecific hybrid that's highly sterile, is a cross between *Cynodon dactylon* var. *dactylon* (L.) Pers. and *Cynodon transvaalensis* Burt-Davy. In summer 2007, IronCutter was selected from humble roots and grown as individual plants in a greenhouse during the winter of 2008. Emerging as a serious contender in late 2009, IronCutter was then isolated under the rigors of golf course fairway protocols to judge turf quality and other important characteristics like Spring Green-Up and Traffic Tolerance. It proved elite there, and again in the NTEP, producing a 90% Score in the Maximum Top 25%, a metric of top performance for all trials in every location.

The result is a crowning achievement for a new vegetative bermudagrass – superior scores over top cultivars in key benchmarks like turfgrass quality, traffic tolerance, and spring density. Combined with stable genetics and consistent production, IronCutter is the #1 choice for turf managers of all industries.



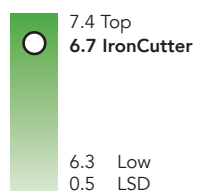
### NTEP DATA

Variety	Traffic Tolerance % Cover <sup>1</sup> Before Traffic / After Traffic		Leaf Spot Resistance <sup>2</sup>	Turf Quality Mean <sup>3</sup>
<b>IRONCUTTER (JSC 2-21-18-V)</b>	<b>99.0</b>	<b>70.0</b>	<b>7.0</b>	<b>6.7</b>
Tohoma 31	99.0	70.0	6.3	6.8
TifTuf	96.3	70.0	6.3	6.8
Tifway	91.7	73.3	5.7	6.3
Latitude 36	89.3	58.3	5.0	6.6
Celebration	43.3	18.3	5.7	6.0
LSD Value	29.5	25.7	2.2	0.3

2013-2017 NTEP Bermudagrass Data; Ratings 1-9 with 9 = Best

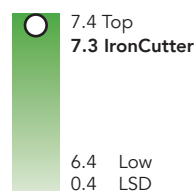
<sup>1</sup>2016 NTEP from Lexington, KY; <sup>2</sup>2017 NTEP from College Park, MD; <sup>3</sup>2013-2017 NTEP Average of all 17 Locations

### GENETIC COLOR



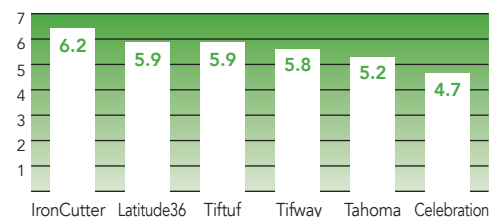
2013-2017 NTEP Mean

### SUMMER DENSITY



2013-2017 NTEP Mean

### SPRING GREENUP GA LOCATION, LSD 1.5

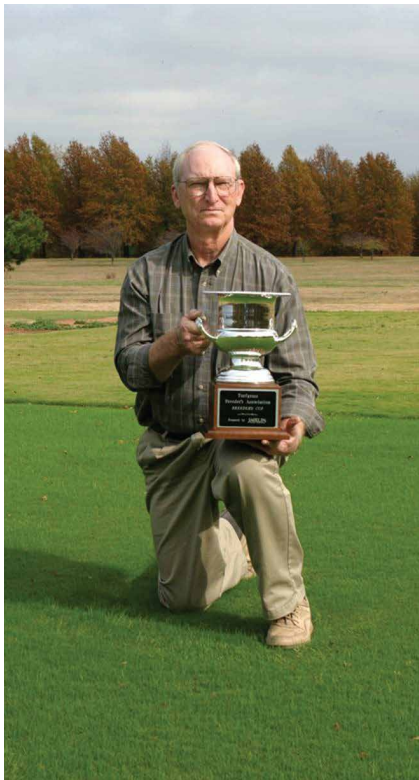




# IRONCUTTER

ELITE VEGETATIVE BERMUDAGRASS

## IronCutter FORGED BY A LEGEND: Dr. Charles Taliaferro



### A distinct name like IronCutter should have a great background story.

For the legendary breeder Dr. Charles Taliaferro, who grew up in the small farming community of Leon, Oklahoma, IronCutter makes up the very meaning of his family's name. The anglicized Taliaferro comes from the Italian family name Tagliaferro, literally translated "IronCutter." Charles Taliaferro enrolled at Oklahoma State University (OSU), graduating in 1962 with a B.S. in Agronomy, he earned his Ph.D from Texas A&M University in Plant Breeding and Cytogenetics. Dr. Taliaferro went to work for the USDA-ARS in Tifton, Georgia under the guidance of Dr. Glenn Burton, the internationally known forage and turfgrass breeding expert. Dr. Burton was just starting to receive acclaim for breeding TifWay 419 bermudagrass during this period, and it was here that Dr. Taliaferro cemented his interest in bermudagrass breeding. After 4 years, Dr. Taliaferro returned to OSU as a faculty researcher and professor, primarily focused on breeding Bermuda, buffalo, switch, and other pasture grasses. In the 80's, in large part to funding from the United States Golf Association, Dr. Taliaferro was able to focus more on breeding bermudagrasses for turf use.

At OSU, he excelled with seeded bermudagrasses, including Guymon, the world's 1st improved seeded bermudagrass cultivar. Dr. Taliaferro then developed Wrangler, the 1st cold-tolerant seeded forage type, as well as Yukon and Riviera for turf markets. Riviera was the first bermudagrass specifically developed for turf purposes, propagated by seed that was competitive with vegetative varieties. Riviera was widely adapted with exceptional turfgrass quality, reaching #1 in turfgrass quality in NTEP trials of the early 2000's for both seeded and vegetative cultivar plots. Dr. Taliaferro then turned to breeding traditionally propagated vegetative varieties, breaking through with elite cultivars Patriot, Northbridge, and Latitude 36.

Dr. Taliaferro, now with the Johnston Seed Company, continued to work in both seeded and vegetative bermudagrass breeding, with high turf quality and wide, adaptive releases. These efforts encompassed a lifetime of field knowledge and science, and led to fruition with IronCutter being identified as a promising cultivar in 2007. IronCutter was subsequently entered into the 2013 NTEP, performing exceptionally in all turf categories. IronCutter is very widely adapted, specifically across a wide range of rainfall locations. With elite Spring Greenup scores, it displays excellent sod density, and retains its vibrant green color, persisting with #1 turf quality in trials where the competition can't cut through. IronCutter is the newest, best choice for cold-tolerant vegetative bermudagrass, and available for use on golf courses, playing fields, parks and residential lawns.