



IRONCUTTER

ELITE VEGETATIVE BERMUDAGRASS

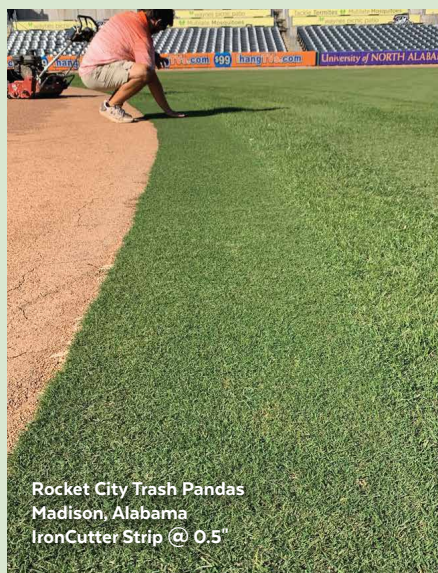
**SPRIG-TO-SOD
RAPID ESTABLISHMENT**

**EXCELLENT DROUGHT
TOLERANCE**

**TOP-RATED
TURF QUALITY**

**IMPROVED DISEASE
RESISTANCE**

From the wind-swept turf grass plots of Enid, Oklahoma rises a new successor in cold-tolerant vegetative bermudagrass: IronCutter! IronCutter is the result of a 10-year research and breeding partnership from the legendary turf and forage breeder Dr. Charles Taliaferro (breeder of vegetative bermudagrass Patriot, Latitude 36, and Northbridge), Johnston Seed Co., and exclusive marketer MVS Licensing. IronCutter entered the National Turf Evaluation Program's (NTEP) 2013 Bermudagrass Trial as JSC-2-21-18-V, where it emerged as an ideal choice for turf managers seeking better all-around consistency and the highest turf grass quality across the entire reach of bermudagrass's growing zones.



Rocket City Trash Pandas
Madison, Alabama
IronCutter Strip @ 0.5"



Northwestern Martin Stadium
Evanston, IL

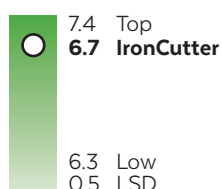
NTEP DATA

Variety	Traffic Tolerance % Cover ¹ Before Traffic / After Traffic		Leaf Spot Resistance ²	Turf Quality Mean ³
IRONCUTTER (JSC 2-21-18-V)	99.0	70.0	7.0	6.7
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

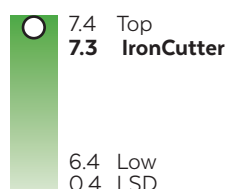
¹2016 NTEP from Lexington, KY; ²2017 NTEP from College Park, MD; ³2013-2017 NTEP Average of all 17 Locations

GENETIC COLOR



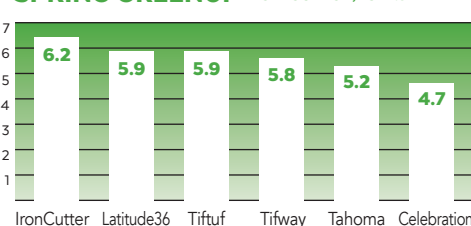
2013-2017 NTEP Mean

SUMMER DENSITY



2013-2017 NTEP Mean

SPRING GREENUP



MAINTENANCE Bermudagrass requires frequent, low-rate N applications (4-5 lbs/1,000 sq ft annually) to maintain the highest turf quality. Potassium, phosphorus and micronutrients should be applied based on soil testing. For minimum maintenance, a complete fertilizer like 16-4-8, 10-10-10, or 12-4-8 can be applied in spring and fall with additional applications of Nitrogen in the summer. Irrigation on an "as needed" basis is the most efficient way to maintain proper moisture. Irrigate at the first signs of moisture stress. IronCutter should be mowed at the recommended height of 1/2" to 1 1/2".

