TAHOMA 31®

BERMUDAGRASS

Developed by the turfgrass experts at Oklahoma State University

CULTIVAR	ET RATE
Tahoma 31	**4.06 e**
NorthBridge	4.29 cde
Tifway 419	4.54 bcd
Latitude 36	4.59 bc
Celebration	4.77 ab
TifTuf	4.95 a

#1 for Low Water Use

In tests that measured evapotranspiration (ET) rates (mm d-1) under non-limiting soil moisture conditions in Oklahoma (Amgain et al., 2018, Crop Sci. 58:1409), Tahoma 31 fared best, while TifTuf used the most water. Overall, Tahoma 31 used 18% less water than TifTuf.

#1 in Turf Quality

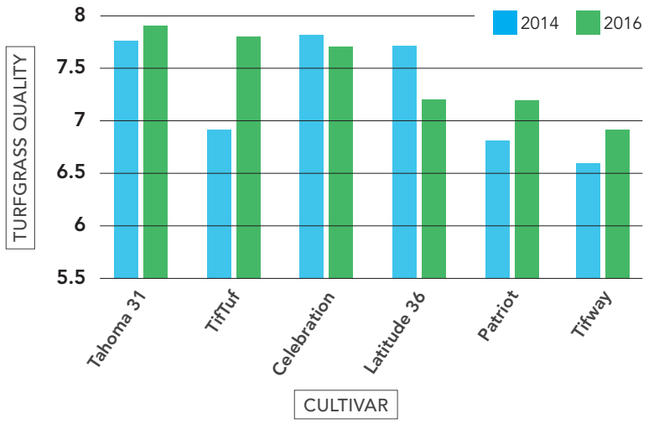
Turf quality ratings in NTETP tests at 17 locations over 5 years show Tahoma 31's exceptional turf quality among bermudagrasses, when tested against both vegetative & seeded varieties.

CULTIVAR	MEAN
Tahoma 31	**6.8**
TifTuf	6.8 (tied)
Latitude 36	6.6
Patriot	6.4
Tifway 419	6.3
Celebration	6.0

#1 in Early Spring Green-Up

In NTEP tests from 2014 - 2017, Tahoma 31 ranked at the top spot for early spring green-up among all vegetative bermudagrass cultivars tested.

CULTIVAR	MEAN SCORE
Tahoma 31	**5.7**
Iron Cutter	5.3
TifTuf	5.3
Latitude 36	4.9
Tifway 419	4.5
Celebration	4.4



#1 in Traffic Tolerance

Turfgrass quality under traffic in NTEP National Bermudagrass Test at Knoxville, TN

Tahoma 31 exhibits excellent traffic tolerance compared to all other bermudagrass cultivars tested.

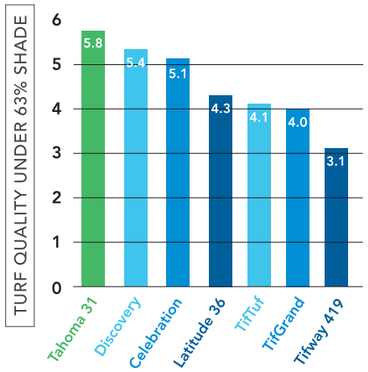
Lower Height of Cut

Tahoma 31 adapts to a wide range of HOC from 5 cm (2") to as low as 3.2 mm (0.125"), according to multiple university research data. "The low end of HOC of Tahoma 31 has not been seen on other popular cultivars including Latitude 36, NorthBridge, TifTuf, or Tifway," says Dr. Yanqi Wu.

Source: Wu, Y.Q., D.L. Martin, J.Q. Moss, C.H. Fontanier, N. Walker, A. Chandra, B. Wherley, K.E. Kenworthy, B. Unruh, P.R. Munoz, B.M. Schwartz, P.L. Raymer, F.C. Waltz, S. Milla-Lewis, and G.L. Miller. 2019. "Tahoma 31 Bermudagrass: A New Cold Hardy, Drought Resistant and Traffic Tolerant Turf Cultivar." ASA-CSSA-SSSA International Annual Meeting. November 10-13, San Antonio, TX.

#1 in Shade

Mean turf quality in up to 63% shade.



These values are means across 6 rating dates in 2018 & 2019 and are presented with no statistical analysis. That being the case, it is highly likely several of these grasses are statistically equivalent. Other considerations are that plots received no traffic and were mowed at 1.5-inches once per week. In our opinion, Tahoma 31 is a great choice (among bermudagrasses) for partial shaded locations in the transition zone of the US, although clearly many of the newer grasses are an improvement over the old standard Tifway.

- Analysis of preliminary findings of the Stillwater location SCRI shade trial, Charles Fontanier, Ph.D., Assistant Professor - Turfgrass Science, Dept of Horticulture & Landscape Architecture, Oklahoma State University.

#1 in Cold Tolerance: Winter Survivability

The winter of 2013 - 2014 swept a polar vortex into the Midwest that created record low temperatures. Dr. Cale Bigelow, a professor of turf science and ecology at Purdue University, located in West Lafayette, Indiana, participated in the NTEP study. In a December 2019 article in Golf Course Management magazine, Dr. Bigelow was quoted as saying only 9 of 42 bermudagrasses tested survived with at least 50% ground cover by spring. Some 14 of the grasses completely died.

CULTIVAR	% WINTER KILL *Mean Scores IN & KY, 2014 - 2017*
Tahoma 31	**14.5**
Iron Cutter	48.7
Latitude 36	57.3
TifTuf	88.3

By the end of the NTEP study, Tahoma 31 was rated by far with the greatest winter survivability in Indiana at only 4% winter kill. Mean scores in two states where winter survivability was measured, Indiana & Kentucky, confirmed Tahoma 31's top status in the three year study period, 2014 - 2017.

RiversideTurf
Growing Quality from The Ground Up.

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