



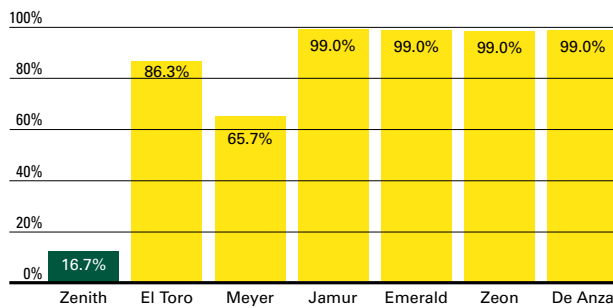
Zenith by test and performance ranks equal to or better than Meyer zoysiagrass in the following characteristics:

- genetic color
- frost tolerance
- spring green-up
- summer density
- mowing quality
- mole cricket tolerance
- patch disease resistance
- dollar spot resistance

ONLY Zenith Zoysia is available as sod and seed!

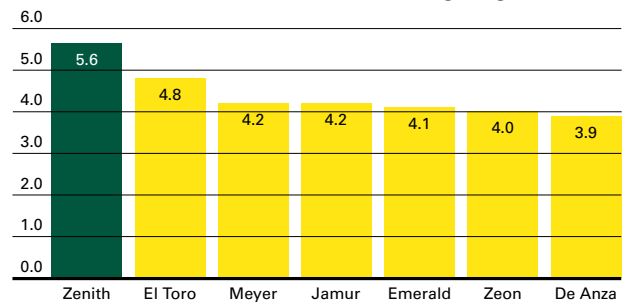


Percent Winter Kill Ratings of Zoysiagrass Cultivars



Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars

Grown at a 0.5 - 1.0 inch mowing height



Traffic and Wear Tolerance	Shade Tolerance	Care Required for Satisfaction	Drought Tolerance	Leaf Texture	Turfgrass Quality	Carbon Footprint
Poor ----- Excellent	Deep Shade ----- Sunlight	Low ----- High	Poor ----- Excellent	Fine ----- Coarse	Poor ----- Excellent	Low ----- High

Turfgrass Tech Sheet
Zenith[®] Zoysiagrass
Zoysia japonica Steud. (aka Japanese lawngrass)

Description:

Zenith zoysiagrass (Zoysia japonica Steud.) has a dark green color and leaves of medium texture. Zenith creates a dense, slow growing, low maintenance turfgrass that can tolerate traffic and wear better than most warm season grasses.

Uses:

Zenith is commonly used in both commercial and residential landscapes, sport fields, golf courses, roadsides and medians.

Characteristics:

Zenith zoysiagrass is a three clone synthetic variety of the crossing of three parents (W-3-2 x W-2-1 x W-2-3). Zenith has shown to be a Canada Goose non-attractor in research published by the FAS and USDA. Zenith has a unique yellow-green rhizome and seedhead. Zenith is one of the more shade tolerant warm season grasses.

Adaptation:

Zenith tolerates extreme heat and cold and is well adapted for climates from the southern coast of the US to the upper transition zone. It can establish, survive and provide quality turfgrass cover as far north as New York and Illinois and west to California and Oregon.

Drought Tolerance:

Zenith survives drought conditions by going dormant (leaves roll up and turf turns gray) then greens up at the first exposure to moisture. Zenith does not like poorly drained soils especially where water may stand for several days. Optimum water management for Zenith, as with any grass, is dependent on soil physical characteristics.

Traffic / Wear Tolerance:

Zenith tolerates wear and traffic such as dog and child use as well as golf cart traffic in golf course situations. Because of its slow growing nature - recovery may be slow.

Weed Tolerance:

Zenith's dense turf restricts weed establishment and minimizes weed presence wherever it is used.

Insect Pest Tolerance:

Zenith is particularly tolerant of common lawn insect pests.

Disease Resistance:

Disease is a minor problem with Zenith and is generally limited to patch and rust diseases.

Water Quality Tolerance:

On a suitably drained profile, Zenith can tolerate concentrations of 2,500 PPM total salts (~4.0 EC). It is well adapted to saline prone and brown water sources from municipal and food industry water sources.

Soil Fertility Ranges:

Zenith grows best when soil pH is between 6.0 and 7.0. Slow release or organic nitrogen applications totaling 2 to 3 lbs per 1,000 sq ft total through the growing season produces a healthy turf.

Mowing Height:

Maintain cutting height of 1/2 to 1 1/2 inches. Mowing may be required on a 7 to 10 day interval.

Establishment:

Zenith is widely available as sod and is the first hybrid zoysiagrass variety that can be established from seed.

Availability:

Zenith zoysiagrass sod and seed are available from the Patten Seed Company / Super-Sod and select quality sod production and seed marketing companies.

