

S·T·A·B·L·E·S Fact Sheet

ZOYSIA GRASS

What is Zoysa?

Zoysia grass is a sturdy, lush, low-maintenance turf-grass originally introduced to the United States from Asia. Established Zoysia lawns require less watering, mowing, and fertilizing than other lawns. An established Zoysia lawn also requires little weed and insect control.

Will Zoysia Thrive on Long Island ?



Zoysia thrives in temperate areas, but varieties such as Empire and Zenith Zoysia are extremely well suited for our Long Island climate. While all grasses will have a period of dormancy during the winter months, Zoysia will break dormancy later than northern turf-grasses such as ryes, fescues, and bluegrass. This late greening is made up for during the hot and dry summer months when Zoysia lawns are lush and green while most lawns are showing signs of summer stress. You cannot miss a Zoysia lawn during the dog days of summer. It's impressive; and low maintenance.

What conditions does Zoysia like?

The most important consideration in planting Zoysia Grass is the amount of sun exposure the area receives. Zoysia performs best in **full-sun** but will tolerate moderate shade. Zoysia is not well-suited for growth in shady areas. At least 6-hours of sun is necessary for Zoysia.

How do you care for Zoysia?

Established Zoysia lawns are easy to care for. Follow the following to keep your Zoysia happy and healthy.

- Fertilize 2-3 times per year with up to 1 lb of nitrogen per 1,000 SqFt. The Stables recommends choosing one of the following products.



Fairway Formula
(2x Yearly)
our best option



Greenview
Lawn Food
(3x Yearly)



Espoma
Lawn Food
(2x Yearly)

- Mow to a height of at least 1 ¼".
- Maintain a soil PH of 6.5 – 7.0
- Water 1-2 times per week
- While weed and insect problems are less common with Zoysia lawns, the occasional weed should be spot treated. Root feeding insects such as grubs should be watched for and treated if found.

How can I establish a Zoysia lawn?

At Stables, we offer two ways to establish Zoysia. Our most popular and proven method is through the use of plugs. We offer Empire Zoysia in trays of 18 plugs. Each plug is 3" x 3" and can cover up to 1 Square foot. We know also offer Zenith Zoysia seed/mulch combo sold in bags that will seed up to 1,000 Square feet. See the sections below for instructions on how to establish Zoysia using these two methods.

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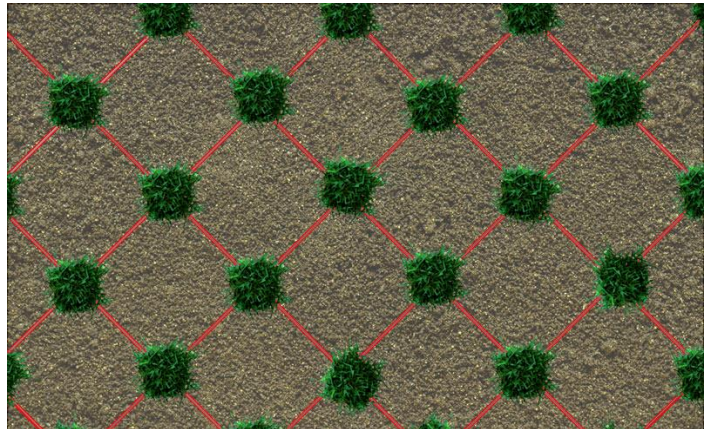
STARTING ZOYSIA FROM PLUGS

Plant Zoysia in a checkerboard pattern as shown in the picture to the right. The distance between plugs (represented by the red diagonal lines) should be anywhere from 4-12 inches on center. If you are not plugging into existing grass and have exposed soil, you may seed the bare areas with a utility grass seed like ryegrass which will sprout quickly and will be overtaken by the zoysia without much resistance over the following seasons. We recommend using Bone-Meal (excellent) or Bio-Tone (best) as a planting fertilizer.

Our Empire Zoysia comes in trays of 18 plugs. The price for 2015 is \$13.99 per tray (plus tax). Use the chart below to determine how many plugs / trays you need for your planting.

The chart shows plugs needed per 100 square feet. Use multiples of these estimates to determine how many trays you need.

You'll notice that the amount of plugs needed per square foot when planted at 12" is not actually 1, but 1.16. This is because when you are planting in a diagonal pattern as shown, the plugs are 1 foot apart (red lines), but the rows are not. The rows are actually 10.4 inches apart when planted.



Seasons Needed for Plugs to fill in	Plug Spacing	Plugs Per 100 Sqft	Trays Per 100 SqFt	SqFt cover per tray
1.5	6	462	26	3.90
2	8	260	15	6.92
2.5	10	167	10	10.78
3	12	116	7	15.52
3.5	14	85	5	21.18
4	16	65	4	27.69

STARTING ZOYSIA FROM SEED



The Stables offers Zenith Zoysia from Pennington Seed. There are multiple ways to establish Zenith Zoysia from seed. Here are Pennington's recommended methods.

New Seeding Method

Prepare the soil for seeding by tilling then smoothing and raking the lawn to the point of having a smooth, firm seedbed. Plant one bag of Grass Seed & Mulch mixture according to the coverage rate on the package. The seed and mulch are blended to give the correct seeding rate for each of the two components. Lightly rake the seedbed to cover the seed and the mulch no more than ¼" deep. Water daily for 30 days, keeping the seedbed moist at all times. The grass plants will emerge, and over a period of one growing season should form a sod. On poor soils or in unfavorable growing conditions, it may take two growing seasons to completely form a sod.

Overseeding Method

An alternate method of seeding is to mow the lawn closely, then aerate the lawn well with a spike aerator or similar tool. Plant the seed as directed in methods 1 or 2, then aerate or rake lightly to cover the seed no deeper than ¼" deep. Water daily for 30 days, keeping the seed moist at all time.