



The germination of ideas

Warm Climate Turf Answers to Frequently Asked Questions

Recommendations	Bermudagrass Seed (<i>Cynodon dactylan</i>)	Zoysiagrass Seed (<i>Zoysia japonica</i>)
Seeding Rate	Hulled Raw 2–3 lbs/1000 sq. ft. Unhulled Raw 3–5 lbs/1000 sq. ft. Coated 3–4 lbs/1000 sq. ft.	Raw 1–3 lbs/1000 sq. ft. Coated 2–3 lbs/1000 sq. ft.
Time To Plant	When Soil temperature is consistently above 65F (18C) (similar to night-time air temp.) Late Spring/Summer	When Soil temperature is consistently above 70F (21C) (similar to night-time air temp.) Late Spring/Summer
Application	Golf Courses, Sports Fields, Home Lawns, Parks, Cemeteries, Schools, Commercial Landscapes, Roadsides	Golf Courses, Sports Fields, Home Lawns, Parks, Cemeteries, Schools, Commercial Landscapes, Roadsides
Where To Plant	In full sun, on well drained soil in the temperate, sub-tropical, and tropical zones of the world. Tolerant of wide range of pH levels.	In full sun and partial shade on well drained soil in the transition, temperate, sub-tropical and tropical climate zones.
Critical – Planting Tips (for a successful establishment)	Shallow, 1/4 inch or less (6 mm) Seed needs light to germinate If ryegrass is already established, it must be killed and then tilled under. WATER is critical during establishment	Shallow, 1/4 inch or less (6mm) Seed needs light to germinate If ryegrass is already established, it must be killed and then tilled under. WATER is critical during establishment
Germination Time	7–10 days to emerge Allow 14–21 days for completion	10–14 days to emerge Allow 21–28 days for completion
Establishment Time	6–8 weeks for full establishment	10–14 weeks for full establishment
Mowing Heights	1/2” to 2” First mowing at 3-4 weeks	1/2” to 2” First mowing at 6-8 weeks
Shade Tolerance	Poor	Good
Fertilization	First time, 4 weeks after seeding, check product label for recommended rates. Medium to high rates for faster establishment.	First time, 4 weeks after seeding, check product label for recommended rates. Medium to high rates for faster establishment.
Seeding Into Existing Similar Turf	YES – Turf-Types will blend well into medium-fine to coarse textured seed or vegetative varieties	YES – Turf-Types will blend well into medium-fine to coarse textured seed or vegetative varieties
Winter Overseeding	Not recommended for newly established stand of bermuda. Established bermuda can be overseeded with perennial ryegrass, <i>Poa trivialis</i> , tall fescue, etc.	Not recommended for newly established stand of zoysia. Established zoysia can be overseeded very lightly with perennial ryegrass, <i>Poa trivialis</i> , tall fescue, etc.
Year Round Turf	YES – for sub-tropical & tropical areas. NO – in other areas, must overseed for winter color	YES – in sub-tropical & tropical areas YES – in mixes with tall fescue in the transition zone