

LAWN MANAGEMENT

NEW LAWNS

1. Start with minimum of 8" of black topsoil. Remove all rocks and debris. Level ground.
2. Water 2-3 times to allow ground to settle.
3. Apply fertilizer (16-22-22) at a rate of 175-200 lbs. per acre (4-5 lbs. per 1000 sq. ft.)
4. Work and level ground again. Create a slope away from the house. 1-2% slope (1-2 feet slope per 100 feet)
5. Pack ground with roller to establish firm seed bed.
6. Apply lawn seed at rate of 5-8 lbs. per 1000 square feet. Rake very lightly and use lawn roller again to create good contact with seed and soil.
7. Water shallow and keep surface damp for up to 3 weeks. (Soaker hoses are ideal) DO NOT WATER HEAVY!
8. Mow at a height of 2" once grass reaches 3" tall. Mow frequently taking no more than 1/3 of grass height at each mowing.
9. Fertilize lightly after 8 weeks of seeding. Continue to water at a rate of 1" of water per watering. Allow soil to become dry before next watering.

OVER SEEDING ESTABLISHED LAWN

1. Remove thatch buildup with power rake.
2. Seed at a rate of 2-4 lbs. per 1000 sq. ft.
3. Water regularly to establish new grass.
4. Fertilize 6-8 weeks from seeding date.

MAINTAINING LAWNS

1. Remove debris early and mow at 1-1½" as soon as lawn begins to green up.
2. Apply 36-15-0 or similar fertilizer at a rate of 1 lb. actual nitrogen per 1000 sq. ft.
3. Mow frequently and in different directions.
4. Water as needed as weather conditions dictate allowing for approximately 1" per -10 days. DO NOT OVER WATER.
5. Fertilize 2-3 times per year based on lawn grass needing ½-1 lb. of actual nitrogen per 1000 sq. ft. per month of growing season.
6. Mow to 1 ½-2" in late fall. Tall dormant grass will harm lawn if left over winter months.

LAWN & TURF GRASSES



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SEEDS™
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THREE WAY LAWN MIX

Seeding rate 6 to 7 pounds per 1000 sq. ft.

- 33 1/3% Kentucky Bluegrass
- 33 1/3% Standard Perennial Rye
- 33 1/3% Creeping Red Fescue

Economy lawn mix for those areas not requiring the higher quality Kentucky bluegrass. Perennial ryegrass establishes quickly with creeping red fescue and Kentucky bluegrass completing the lawn. This mixture does well in sun and shady areas, but will create more thatch than either Premium Lawn or Endurance Lawn mixes.

ENDURANCE LAWN MIX

Seeding rate 8 to 10 pounds per 1000 sq. ft.

- 70% Turf Type Tall Fescue
- 10% Kentucky Bluegrass
- 10% Standard Perennial Rye
- 10% Creeping Red Fescue

Endurance lawn mix gives you exactly what the name says – a lawn that will endure. We have added enough perennial rye to give you that fast start, tall fescue to keep your lawn green when others have gone dormant, and Kentucky bluegrass to help fill in and give you that dense full lawn. Tall fescue blades are slightly wider than perennial rye or Kentucky bluegrass but will blend in nicely if you keep the seeding rate at recommended levels. Tall fescue has a much deeper root system that keeps it green during drought stress, requiring less water and fertility. It will tolerate shade and is widely used for athletic areas. Endurance lawn mix should be planted in spring or very early fall to allow tall fescue to develop root system before winter.

CREEPING RED FESCUE

Spreads by underground runners and makes a good, uniform sod. It does well on most types of soil. It maintains a good color and can withstand wear. Creeping Red Fescue is used extensively in lawn mixtures.

PREMIUM LAWN MIX

Seeding rate 4 to 6 pounds per 1000 sq. ft.

- 30% Premium Kentucky Bluegrass
- 30% Standard Kentucky Bluegrass
- 25% Standard Perennial Rye
- 15% Creeping Red Fescue

Premium lawn mix is a grass mixture that gives you a healthy, attractive lawn with a combination of sun and shade tolerance. We have just enough fine leaf perennial ryegrass to get your lawn off to a fast start. Kentucky bluegrass and creeping red fescue will continue to fill in and form a dense sod that will give you that quality appearance. This mix is recommended for all applications and will do especially well under intensive lawn practices.

ALL PRO DWARF FESCUE

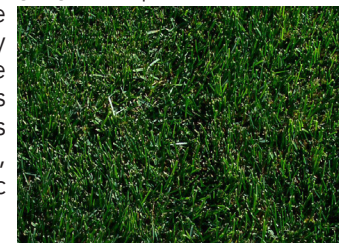
Seeding Rate 7 to 8 pounds per 1000 sq. ft.

All Pro Dwarf Fescue is a blend of 3 quality turf type fescues. All Pro Fescue grows well in shade areas and is often mixed with other grasses for just this quality. Tall Fescues makes early fast-growing lawns and can provide a beautiful lawn with the following characteristics: a dense root systems make this a drought tolerant grass, shade and heat tolerant, endures heavy foot traffic and has a higher disease and insect resistance.



CONCERTO KENTUCKY BLUEGRASS

The newest generation of Shamrock type Kentucky Bluegrasses. Developed by Rutgers University. Concerto is an advanced hybrid cross between Shamrock and NB70. It is an exceptional early spring green-up variety with medium dark green color and good overall turf performance. Concerto has excellent seedling vigor for quick establishment and shows good resistance to most diseases, especially on Leaf Spot with an above average rating. Concerto is ideal for many different uses including high traffic areas, home lawns and athletic fields.



TURF PERENNIAL GRASS

Perennial ryegrass is a quickly establishing cool season grass characterized by a very dense, dark green, fine blade. Commonly used for home lawns, sports fields and winter over seeding, perennial ryegrass performance excels in maritime climates with mild winters, but tolerates short periods of subzero temperatures. It can be successfully grown as far south as the lower transition zone-from North Carolina west to Northern California.



Species	Seeding Rate* lbs./1000 sq. ft.		Growth Habit	Establishment Rate	Root Depths		Mowing Heights	Shade Tolerance	Drought Tolerance	Cold Tolerance	Traffic Tolerance
	Seeds Per lb.										
Ryegrass	7-8	270,000	Bunch Type	Very Fast	12 in.+	1-2 in.	Good	Good	Good	Excellent	
Annual Ryegrass	7-8	182,000	Bunch Type	Very Fast	12 in.+	2+	Fair to Good	Fair	Good	Very Good	
Tall Fescue	7-8	220,000	Bunch Type	Medium	24 in.+	1.5-2.5 in.	Very Good	Very Good	Good	Very Good	
Kentucky Bluegrass	1.5-2	1,300,000	Spread By Rhizomes	Slow	15 in. +	1-2 in.	Fair to Good	Good	Excellent	Good	
Fine Fescues											
Chewings	4-6	400,000	Bunch Type	Medium	12 in.+	1-2 in.	Very Good	Good	Very Good	Fair	
Creeping	4-6	400,000	Spread By Tillers	Medium	12 in.+	1-2 in.	Very Good	Good	Very Good	Poor	
Hard	4-5	592,000	Bunch Type	Medium	12 in.+	1-2 in.	Very Good	Good	Very Good	Fair	
Bentgrasses											
Creeping	2	6,100,000	Spread By Stolons	Medium	6 in.+	0.5-0.7 in.	Fair	Fair to Poor	Very Good	Good	
Colonial	2	6,100,000	Spread By Rhizomes	Medium	6 in.+	0.5-1 in.	Fair	Fair	Very Good	Good	