

SWEET T

Annual Ryegrass

Sweet T was created from multiple selections in the south of the USA, all demonstrating high forage yield, disease resistance, and adaptability to grazing livestock systems. **Sweet T** is a tetraploid annual ryegrass selected for beef and dairy cattle forage, developed by crossing high-yielding, disease-resistant ryegrass cultivars from a collection of plant genetics from a renowned breeder's private collection. **Sweet T** offers season-long production, higher intake, and more digestible fiber due than other tetraploids, plus later maturity for extended grazing and harvest windows. **Sweet T** is suited for green chop, baleage, silage, hay, and cover cropping, with deep roots and an open sward that supports Bermudagrass re-growth and soil health.

Sweet T consistently offers fast germination (5-7 days) and vigorous early growth typical of annual ryegrass that amplifies its inherent tetraploid vigor. Its larger seeds and robust seedlings establish quicker and compete better against weeds than some slower-growing or less aggressive varieties, offering a practical advantage for erosion control and quick cover.

Notable Characteristics

Enhanced Forage Quality and Yield:

- High forage yield and nutritional value with digestible fiber and suitability for grazing. **Sweet T** is a variety with even greater biomass and protein content even exceeding Ranahan's 1.3-2.4% nitrogen content, improving livestock weight gain and milk production.

Extended Grazing and Harvest Window:

- **Sweet T's** late maturity allows for prolonged grazing and harvesting periods. The broader window of usability maximizes flexibility for farmers.

Improved Soil Health and Nitrogen Management:

- **Sweet T** is known for scavenging residual nitrogen up to 200 lbs/acre/year, reducing fertilizer costs and environmental runoff. With its deep roots and open sward, farmers and ranchers will promote soil structure, drainage, and plant diversity. Paired with Sweet T's vigor, you'll create a robust cover crop that builds organic matter and suppresses weeds effectively.

Disease Resistance and Resilience:

- **Sweet T** was developed with disease resistance in mind, using a diverse selection of resistant Southern ryegrass cultivars. This genetic diversity helps ensure a variety less prone to pests and diseases, reducing the need for chemical inputs and ensuring consistent performance across diverse climates.

Versatility in Use:

- **Sweet T's** suitability for green chop, baleage, silage, hay, and cover cropping, combined with its grazing adaptability, means Sweet T will excel in multiple roles. It has the cold tolerance and drought resistance, broadening its applicability across regions and seasons.

Animal Performance:

- **Sweet T** has higher intake and digestibility due to larger cell size and lower cell wall content. Sweet T will optimize its various traits, leading to better animal performance like faster growth rates in beef cattle and higher milk yields in dairy herds.

Cost Efficiency:

- **Sweet T** does more with less. It performs well even with seeding rates as low as 25-45 lbs/acre depending on use. With Sweet T, reducing planting costs and freight expenses is possible while still achieving dense stands. With its slightly smaller seed size, Sweet T is perfect for Tetraploid Diploid blends.