



## Tall Fescue

### Description

Triumphant Protek® is a premium forage tall fescue variety enhanced with the Protek® novel endophyte for superior persistence and livestock safety. Developed through rigorous selection for early maturity, vigor, and high forage yield, Triumphant Protek® excels in both fall and winter growth, ensuring abundant, high-quality forage throughout the seasons. Its genetic foundation, derived from 'AU Triumph' and 'Duramax,' provides excellent adaptability and post-harvest regrowth. Unlike traditional endophytes, Protek® (*Neotyphodium coenophialum*) does not produce harmful ergot alkaloids like toxic ergovaline, ensuring safe, nutritious forage that supports optimal animal performance.

Designed for regions where early-season production is key, Triumphant Protek® allows livestock to transition to pasture sooner, reducing dependence on costly stored winter feed. Baleage producers benefit from its early cutting potential, while its rapid fall regrowth ensures a plentiful stockpile for extended grazing into winter. The addition of the Protek® endophyte enhances the plant's stress tolerance, improving stand persistence without sacrificing palatability or nutritional value.

### Key Features

- Contains Protek® which does not produce harmful alkaloids
- Early maturity & high forage yield
- Rapid fall recovery and excellent winter hardiness
- Excellent post-harvest regrowth
- Enhanced stress tolerance & persistence

### Ratings

Scale 1-9, where 9 = best or most pronounced



Protek® is a novel endophyte that improves sustainable agriculture by offering safer forage alternatives without compromising animal health. It enhances calf weight and milk production while ensuring resilience and longevity in challenging environments.

### Additional Specs

Segment	Forage	Species	Tall Fescue
Sci. Name	Festuca arundinacea	Approx. Seeds/Kg.	499400
Approx. Seeds/Lb.	227,000	Anther Color	Purplish
Auricles	Absent	Basal Hairs	Absent
Botanical Name	Tall	Branch Pubescence	Glabrous
Crown Rust	Not Tested	Emergence (Days)	14
Flag Leaf Length	Medium to Long	Flag Leaf Width	Narrow

<b>Growth Habit, Fall</b>	Semi-Erect	<b>Leaf Blade Folding</b>	Open
<b>Leaf Blade Margins</b>	Smooth	<b>Leaf Color</b>	Bright Green
<b>Leaf Length</b>	Short to Medium	<b>Leaf Rust</b>	Not Tested
<b>Leaf Sheath Colour</b>	White	<b>Leaf Spot</b>	Not Tested
<b>Leaf Width</b>	Narrow	<b>Lemma Length</b>	Short
<b>Lemma Pubescence</b>	Absent	<b>Lemma Texture</b>	Smooth
<b>Lemma Width</b>	Narrow	<b>Maturity</b>	Early
<b>Net Blotch</b>	Not Tested	<b>Palea Length</b>	Absent
<b>Palea Pubescence</b>	Absent	<b>Panicle Attitude</b>	Erect
<b>Panicle Color</b>	Green	<b>Panicle Length</b>	Medium
<b>Panicle Shape</b>	Narrow Tapering	<b>Panicle Type</b>	Intermediate
<b>Pelea Width</b>	Absent	<b>Pink Snow Mold</b>	Not Tested
<b>Plant Height</b>	Tall	<b>Ploidy</b>	Hexaploid
<b>Powdery Mildew</b>	Not Tested	<b>Rhizomes - Creeping Habit</b>	Weakly Creeping
<b>Seed Length</b>	7mm	<b>Stem Rust</b>	Not Tested
<b>Stripe Rust</b>	Not Tested	<b>Time to Flowering</b>	Early
<b>Waxy Bloom on Leaf</b>	Absent	<b>Winter Hardiness</b>	Moderately Resistant
<b>Seeding Rate - Alone/New (Kg./Hectare)</b>	28-34	<b>Seeding Rate - Alone/New (Lbs./Acre)</b>	25-30
<b>Planting Times</b>	Spring, Late Summer-Early Fall	<b>Seeding Rate - Mixes (Kg./Hectare)</b>	6-17
<b>Seeding Rate - Mixes (Lbs./Acre)</b>	5-15	<b>Livestock</b>	Alpaca/Llama , Cattle , Goats , Horses , Sheep
<b>Usage</b>	Hay , Silage , Pasture , Erosion Control	<b>Winter Hardiness</b>	8