



Contains: 90% [Pixie](#), [Quest](#) and [Inferno](#) Turf Type Tall Fescue and 10% Accent Perennial Ryegrass

**Characteristics**

- Dark green color
- Good overall turf quality
- Good disease resistance
- Deep root system
- Drought tolerant
- Good heat tolerance

**Seeding Information**

*Seeding Rates:*

New Seeding: 10 Lbs per 1,000 Sq. Ft.

Over-seeding: 5 Lbs per 1,000 Sq. Ft.

Over-seeding High Use Areas: 12 Lbs per 1,000 Sq. Ft. at weekly/monthly intervals as needed

*Seeding Date:* March – May, August – October

*Dormant Seeding:* December – March

*Germination Times:* Perennial Ryegrass – 4-7 Days

Fescues – 5-7 Days

**Uses**

The mixture of Turf Type Tall Fescues and Perennial Ryegrass in Tuff Turf score in the middle of the [NTEP](#) quality ratings. Tuff Turf can be used on areas where cost is more of an issue than quality. It is recommended for outlying areas on homesteads as an upgrade to using forage type tall fescue such as Fawn and K-31.

This analysis tag is your verification of variety and quality

**Tuff Turf** Turf Type Tall Fescue/Ryegrass Mix

Kind and Variety	Purity	Germ.	Origin	Lot Number-TTM-II
Inferno Turf Type Tall Fescue	49.00%	90%	OR	Y26-B-IHFTF-7
Pixie Turf Type Tall Fescue	19.60%	90%	OR	Y21-9-4I
Quest Turf Type Tall Fescue	19.60%	90%	OR	Y26-B-QTF-8
Accent II Perennial Ryegrass	9.80%	90%	OR	M157-B-FLH-A

Total Purity: 98.00%    Crop: 0.05%    Inert: 1.94%    Weeds: 0.01%    AMS: 127  
 Net Weight: 50.0 Lbs 22.68 Kgs    Tested: JAN-11    Noxious Weeds: None

**Seeding Rate**  
 New Seed: 10 Lbs/M Sq Ft  
 Over-seed: 5 Lbs/M Sq Ft

**UNITED SEEDS INC.**  
 Omaha - 800-456-9901  
 Des Moines - 800-365-6674

Antelope Brand   
[www.unitedseeds.com](http://www.unitedseeds.com)

SELLER MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, EXCEPT THAT THE PRODUCT CONFORMS TO THE DESCRIPTION ON THE LABEL. BUYER AGREES THAT SELLER'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE AMOUNT OF THE PURCHASE PRICE AND SELLER HAS NOT RESPONSIBILITY FOR SPECIAL CONSEQUENTIAL OR CONTINGENT DAMAGES.

Components and/or percentage of the above mixture may vary



## **Establishment and Maintenance**

### **Establishment**

*Seeding rates for Tuff Turf are: 10 pounds per 1,000 sq ft for new seeding, 5 pounds per 1,000 sq ft for over-seeding and 12 pounds for over-seeding high use areas.*

*Minimum soil temps for the three species will vary. Perennial Ryegrass germinates between 50 and 55 degrees and turf type tall fescue between 55 and 60.*

*Prepare the soil by removing rocks and other debris. Level the grade and prepare a firm, but not compacted seedbed. For heavy clay soil, it is highly recommended that organic matter be added to soil, for greater water and nutrient retention.*

*The key to higher germination rates is good seed-to-soil contact. Placing the seed into the soil with a mechanical seed drill will ensure that the correct depth is achieved and the seed is where the moisture is more abundant. The surface of the seed needs to go through scarification so that germination can be initiated and water can be absorbed into the seed more readily. Placing the seed at the recommended depth allows for a faster establishing root system.*

*If broadcasting seed, the same rule applies. Rake or drag over the seed to incorporate into the soil so that the seed is covered and good seed-to-soil contact is achieved. It is a good idea if broadcasting to cover the seeded area with mulch or straw. This will help to retain moisture and keep weed growth to minimum.*

*If water is available to the site being seeded, watering everyday for 6 to 8 weeks if possible. This is more crucial if broadcasting because the seed is in shallow, more typically drier soil. Regardless, water is important for both germination and root development. If moisture is not cut off half way through the germination process, the seedling will wither and die.*

*For pre-emergent grassy weed control in the spring, a product called Tupersan can be applied with seed at seeding. This is the only pre-emergent weed control available for use with new seeding. Broadleaf weed control can be used once the grass has been mowed 2 to 3 times.*

### **Maintenance**

*Tuff Turf is designed to be a medium maintenance turf grass for all types of applications. Generally, the higher the use, the more maintenance is required to sustain the quality and density of the stand. This mixture will use lower to moderate rates of water and fertilizer. Again depending on the amount of use this turf will see, is directly related to the amount of inputs for maintenance.*

*In high use applications such as athletic fields, regular over-seeding is recommended to sustain turf density. This can be done in the spring, fall and winter. Over-seeding after core aeration is an effective method for establishing seed into existing turf.*

*Tuff Turf responds well to more intensive maintenance practices for athletic fields and home lawns but will perform well even if neglected.*