



# EXCALIBUR

FORAGE TEFF GRASS



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- EXCELLENT FORAGE QUALITY & PALATABILITY
- IDEAL FOR HORSES AND OTHER LIVESTOCK
- HIGH YIELDING
- USE AS EMERGENCY CROP OR FOR DOUBLE CROPPING
- USE IN ROTATION WHEN REPLACING ALFALFA OR PERENNIAL GRASS

### A FORAGE KNIGHT IN SHINING ARMOR

**Excalibur** Teff is a new warm season annual grass variety developed for high forage production and forage quality without the problems of other summer annual grasses such as prussic acid or nitrate buildup. **Excalibur** makes the ideal hay for horses with excellent palatability, digestibility and a mineral content high in calcium and iron. **Excalibur** is widely adapted throughout the United States and will tolerate drought conditions as well as wet soils. **Excalibur** is a low input crop that has very few disease or pest problems and does not require high amounts of fertilizer for optimum production.

  
**JOHNSTON**  
SEED COMPANY

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**PLANTING**

- Plant after all risk of frost has passed. Typically late May through late July. Teff does not germinate well in cool soils
- Seeding rate 8 to 12 lbs/acre for coated seed
- Broadcast or drill
- Firm seedbed
- Seeding depth 1/8 to 1/4 inch
- Emergence in 3 to 6 days under optimum conditions

**FERTILIZER**

- Teff needs adequate Phosphorous, Potassium and Sulfur
- 50 pounds of Nitrogen per acre at planting. Small amounts of N may be needed after each cutting, however too much N causes severe lodging

**HARVEST**

- For optimum quality, harvest in pre-boot to early boot stage, approximately 45 to 50 days after planting
- Harvest regrowth in 40 to 45 days depending on location and environmental conditions
- Cutting height 3 to 4 inches

**TRIAL DATA**

Dry Matter Yield, June 11 Planting, Klamath Falls, OR 2009			
VARIETY	CUTTING 1	CUTTING 2	Total Yield
<b>Excalibur</b>	<b>3,396</b>	<b>4,080</b>	<b>7,475</b>
Emerald	3,437	4,009	7,446
Pharaoh	2,523	4,322	6,844
Tiffany	2,661	4,179	6,840
MEAN	2,947	2,923	5,870
LSD (0.05)	679	489	997

**NDF - JUNE 11, CUT 1**

<b>EXCALIBUR</b>	<b>58.4</b>
EMERALD	55.1
TIFFANY	53.3
PHARAOH	53.2
MEAN	52.8



*2009 Teff Annual Report, Klamath Basin Research & Extension Center, Klamath Falls, OR.*

**RFV - JUNE 25, CUT 2**

<b>EXCALIBUR</b>	<b>117</b>
EMERALD	115
TIFFANY	115
PHARAOH	110
MEAN	101



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Technical data herein is solely a compilation of observations of different geographical areas, conditions and laboratory results. Growth results including varietal characteristics and performance, vary depending on climate, soils, region, environmental conditions, local management practices and other factors. Any advice given by Mountain View Seeds concerning the use of its seeds is given free of charge. Mountain View Seeds does not guarantee growing success. Mountain View Seeds disclaims any warranty and disclaims all liabilities of such advice.



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