

## 2018 Winter wheat triticale mixture trial

<b>Trial location</b>	Wilbarger co. (Lockett, TX)
<b>Soil type</b>	Miles fine sandy loam
<b>Planting date</b>	10/17/2017
<b>Harvest dates</b>	H1: 3/1/2018, H2: 5/10/2018
<b>Varieties</b>	TAM 401 (Early maturity and awnless wheat) SY TRIT 348 (Late maturity and awnletted triticale)
<b>Treatments</b>	Mixture of Wheat (W) and Triticale (T) seeding rates ratios at 0W:100T, 30W:70T, 50W:50T, 70W:30T, and 100W:0T. Seeding rate of 70 lbs/ac was used as a base rate. For example for 50W:50T treatment, wheat seeds at 35 lbs/ac and triticale seeds at 35 lbs/ac were mixed.

**Take-home message:** Early maturity wheat and late maturity triticale were mixed to extend grazing season in dryland trial. Due to the drought, we were unable to estimate fall forage dry matter. There two spring clippings on March 1<sup>st</sup> and May 10<sup>th</sup>. There were no statistical differences on forage yields among treatments in the first year of study. However, wheat: Triticale mixture at 50:50 and 70:30 produced numerically higher yields than plots with wheat only and triticale only. This study will be conducted in 2018-2019 growing season.

