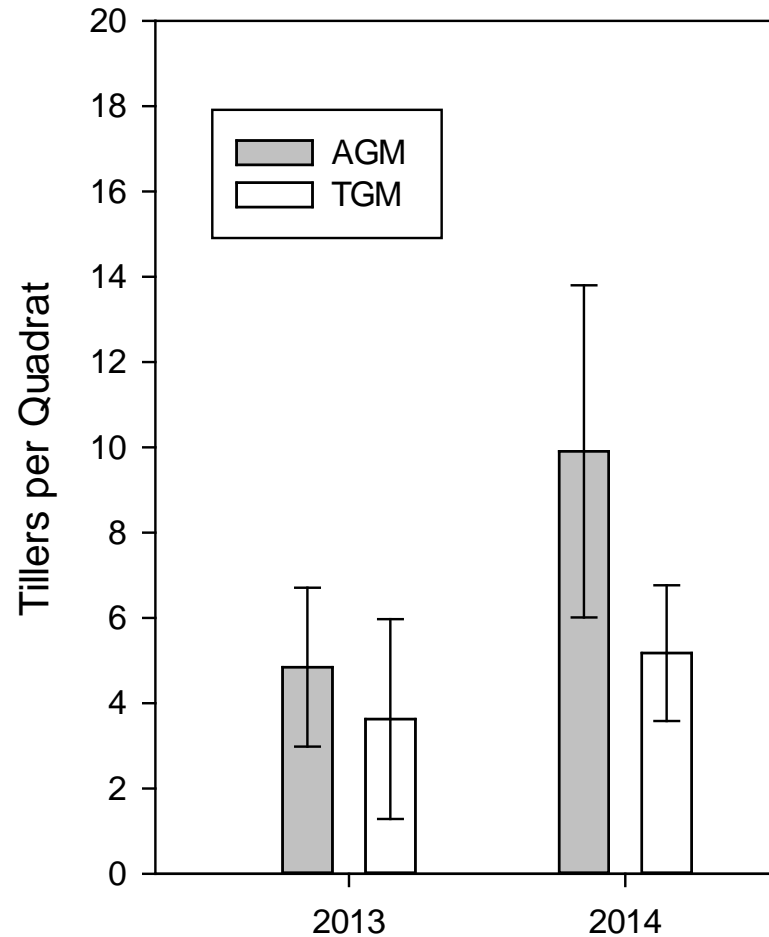
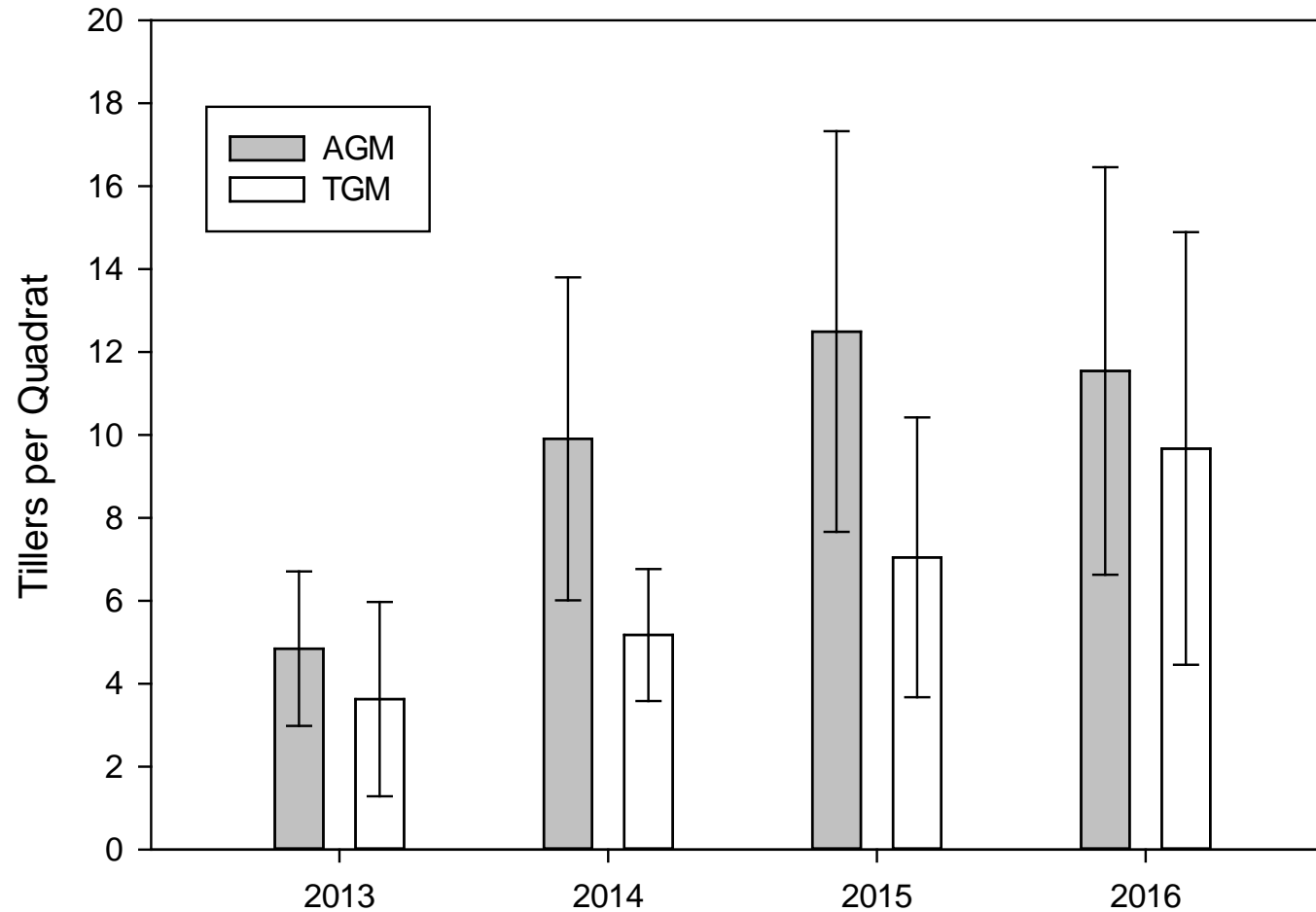


How has the abundance of Western Wheatgrass (WW) changed over the past 4 years (2013-2016) in relation to grazing management?

WW tiller densities at the start of the experiment (i.e. in 2013 & 2014, prior to grazing treatment taking effect)

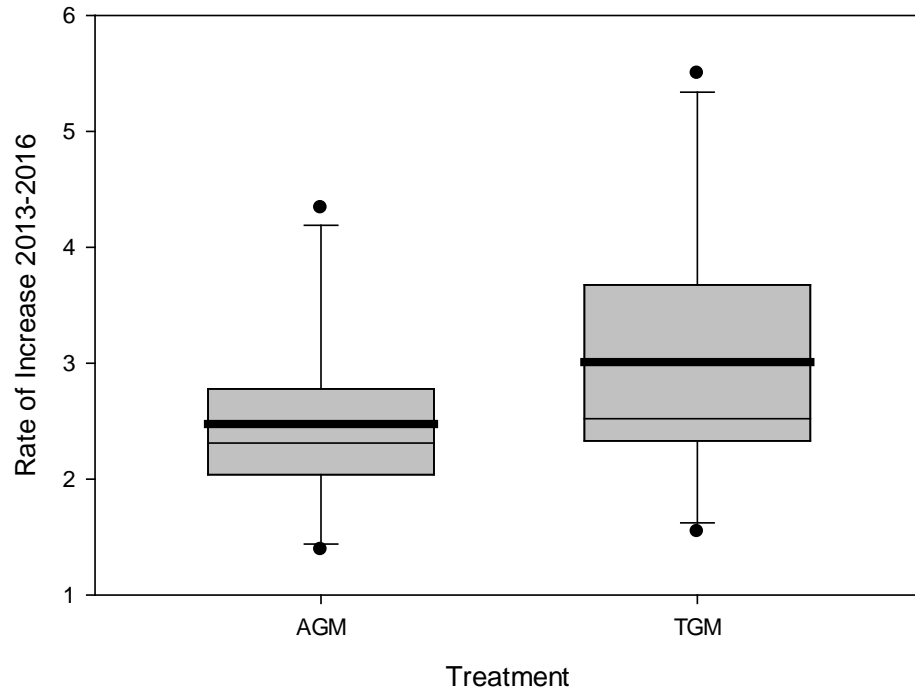


WW tiller densities did not increase more in AGM vs. TGM pastures



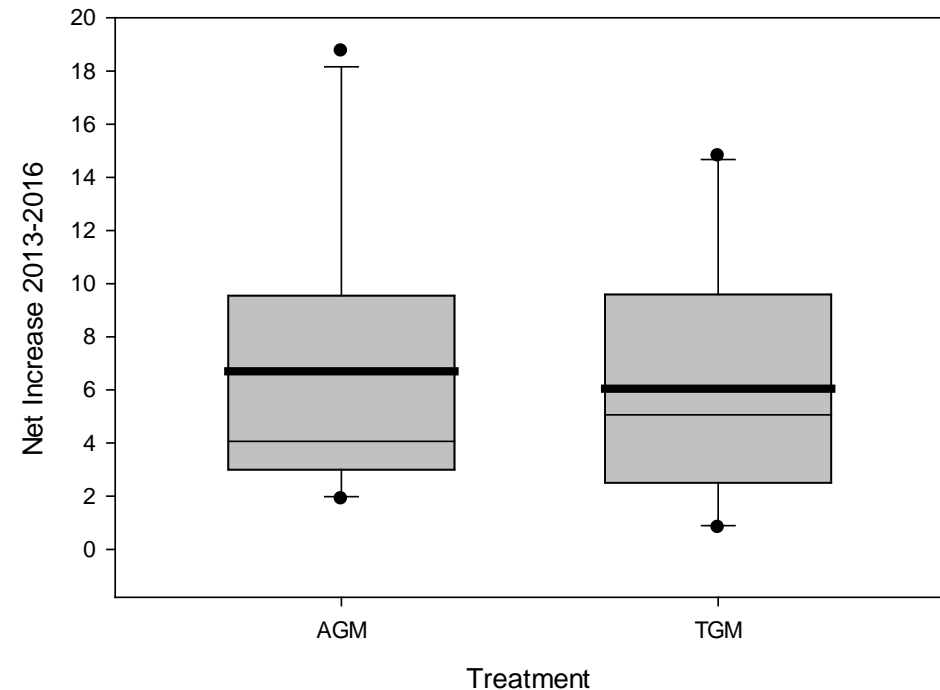
Change in WW abundance averaged across 10 AGM vs. 10 TGM pastures, 2013-2016

How fast did they increase?

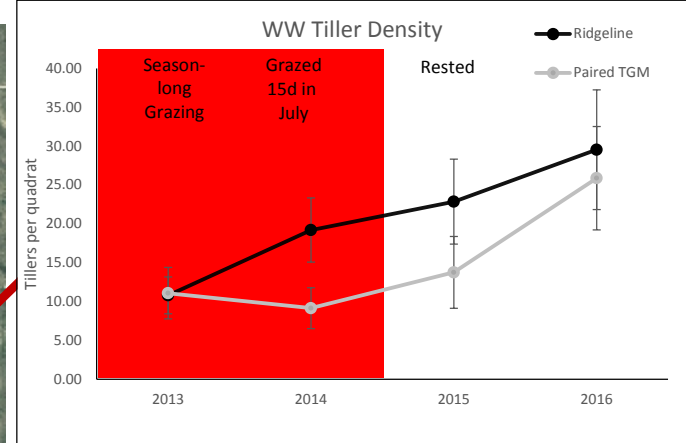
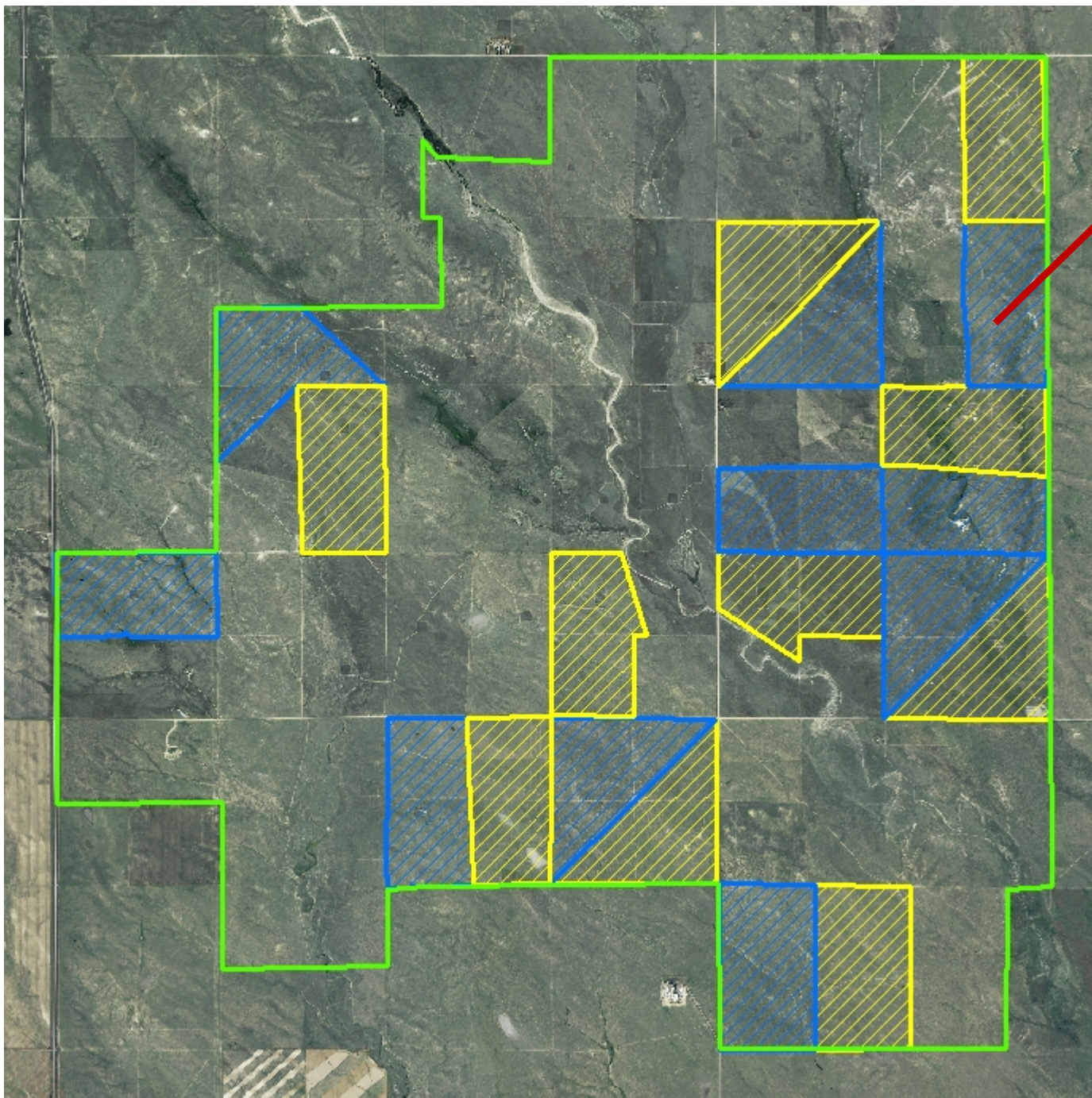


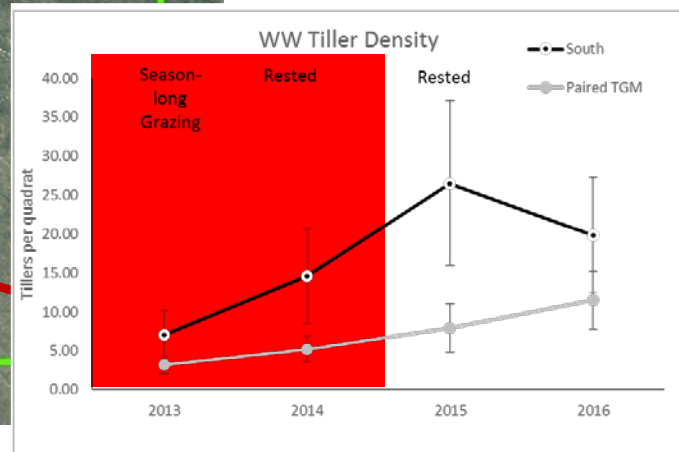
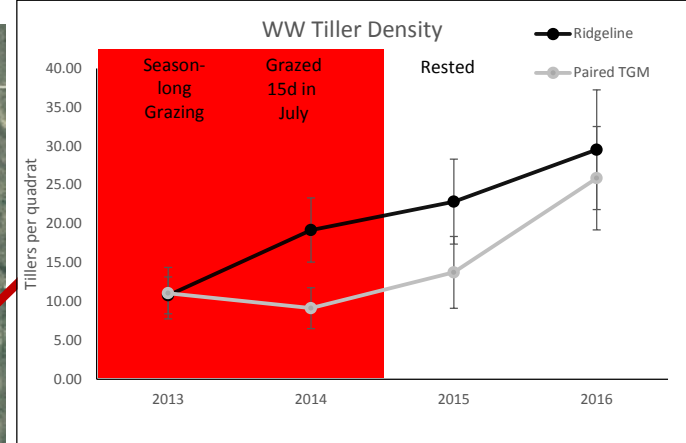
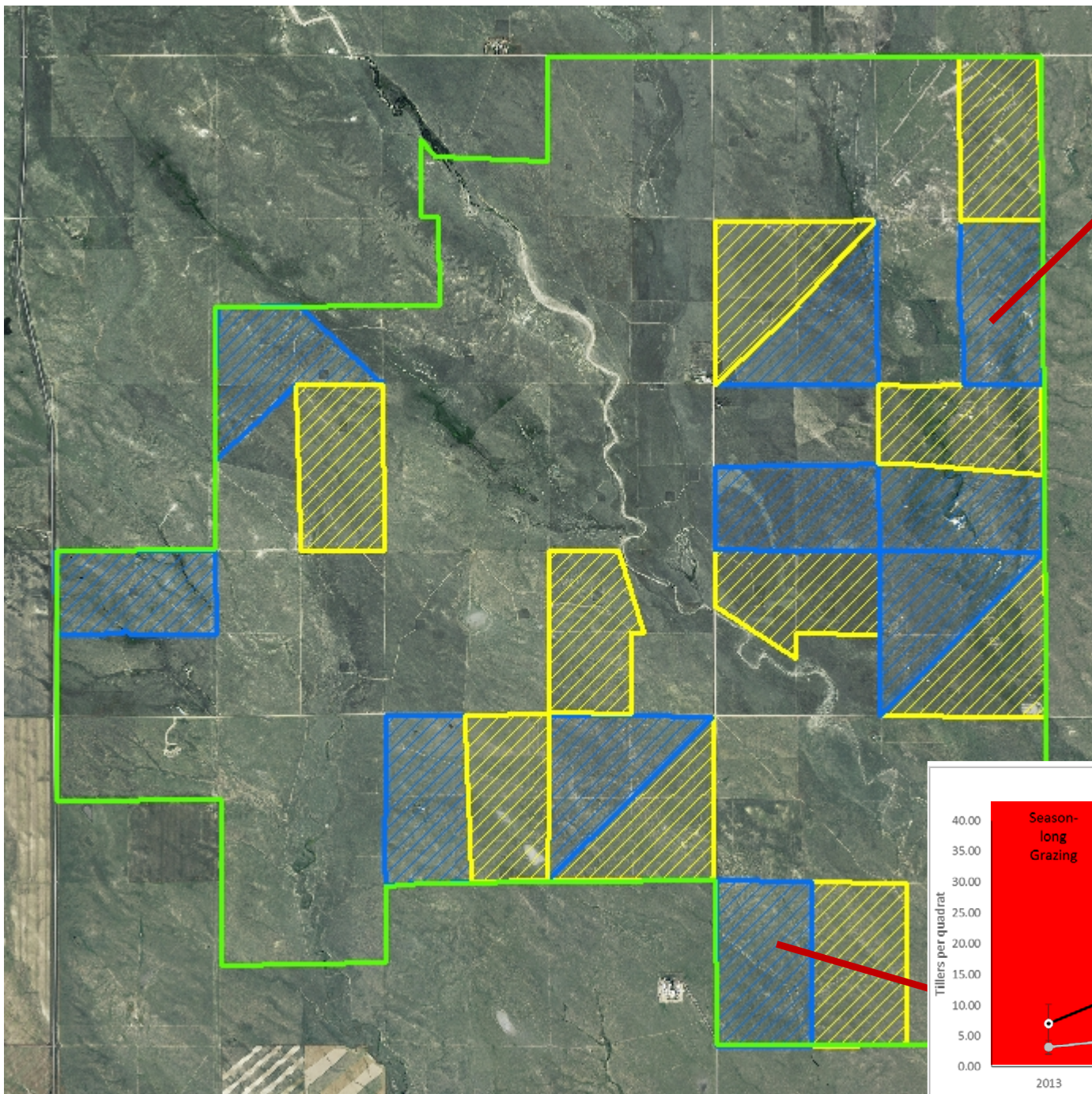
WW Rate of Increase (2016 density divided by 2013 density per pasture; thick black line is mean ROI; thin line is median); no statistical difference between grazing treatments

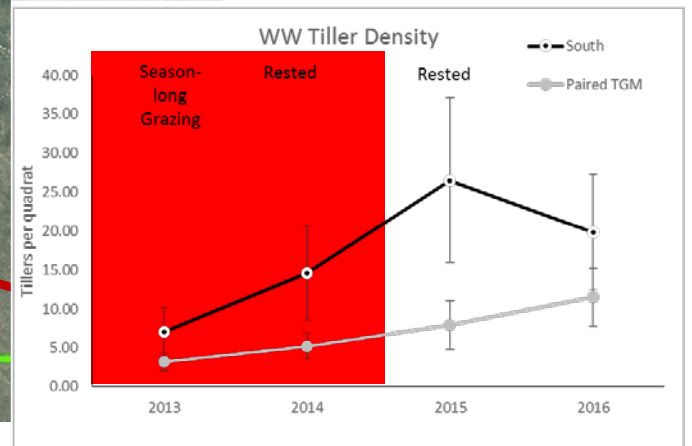
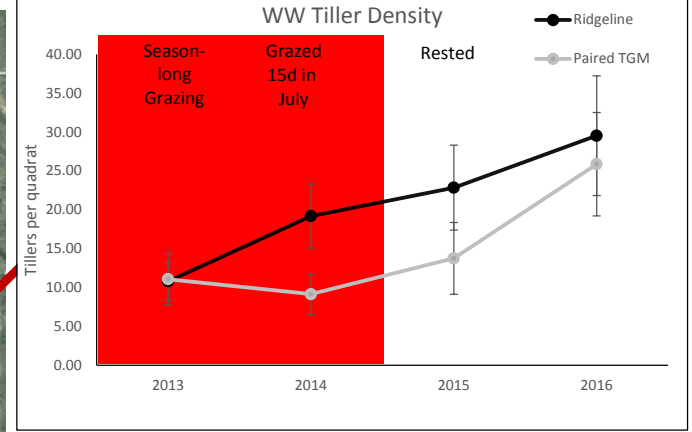
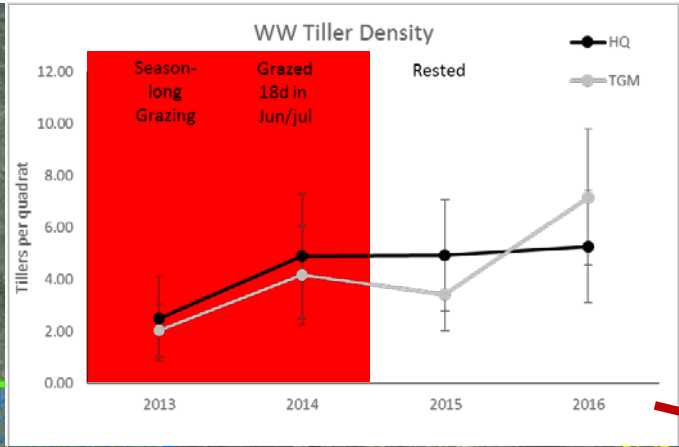
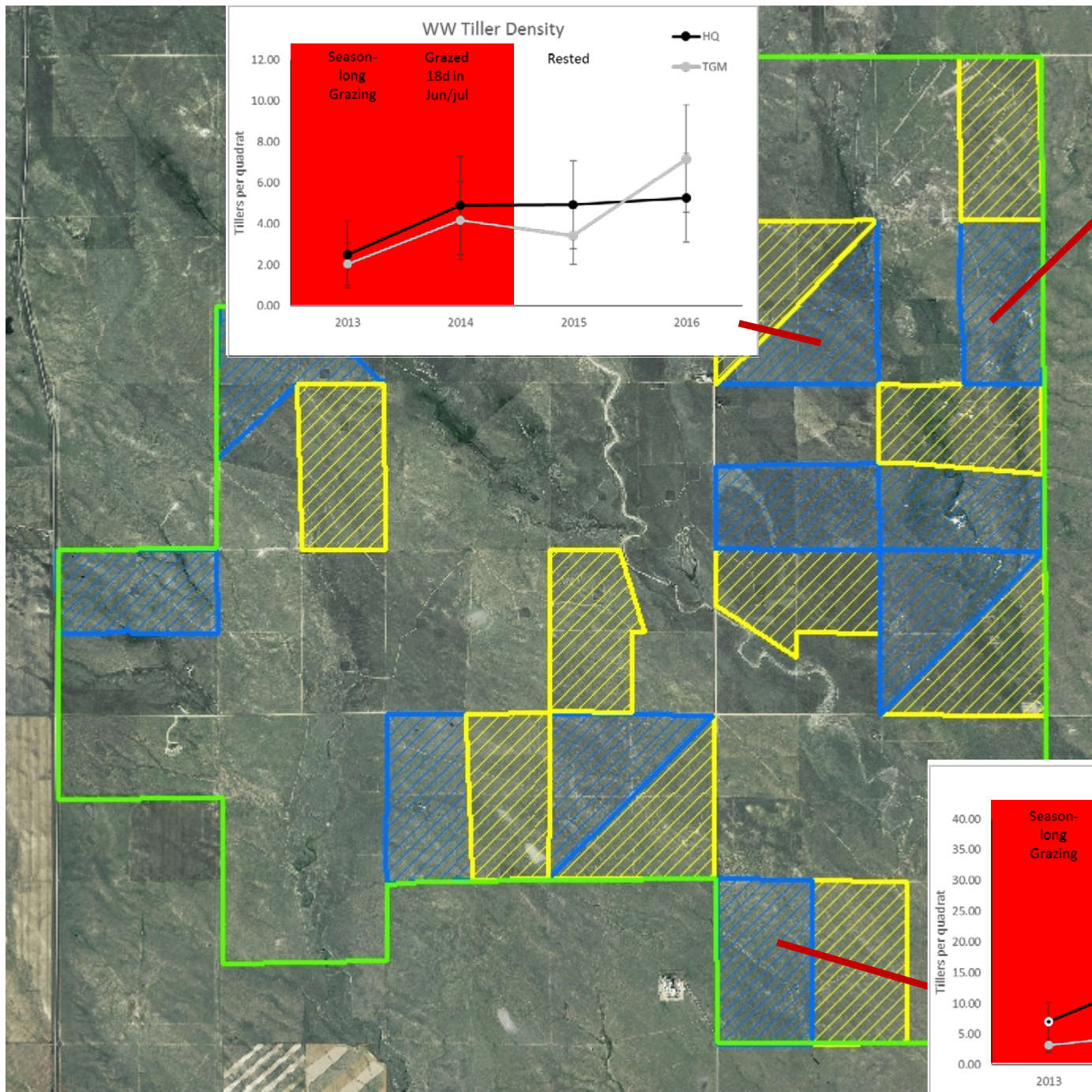
How much did they increase?

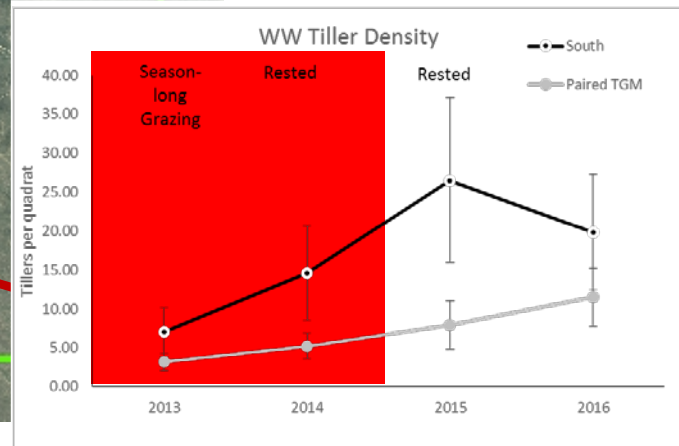
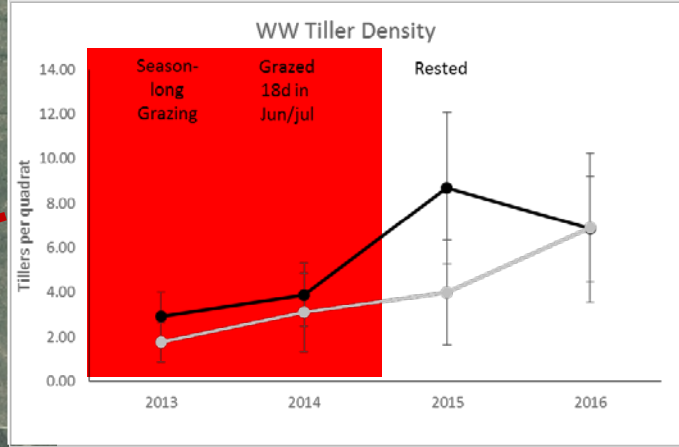
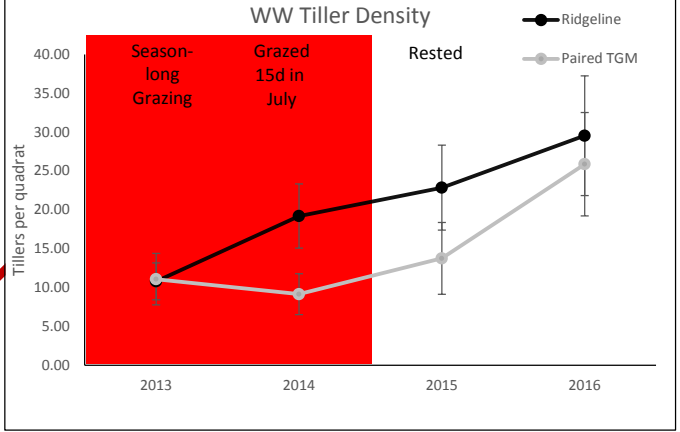
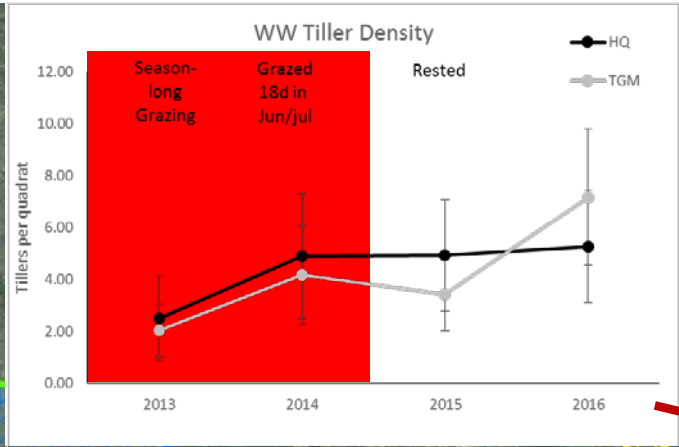
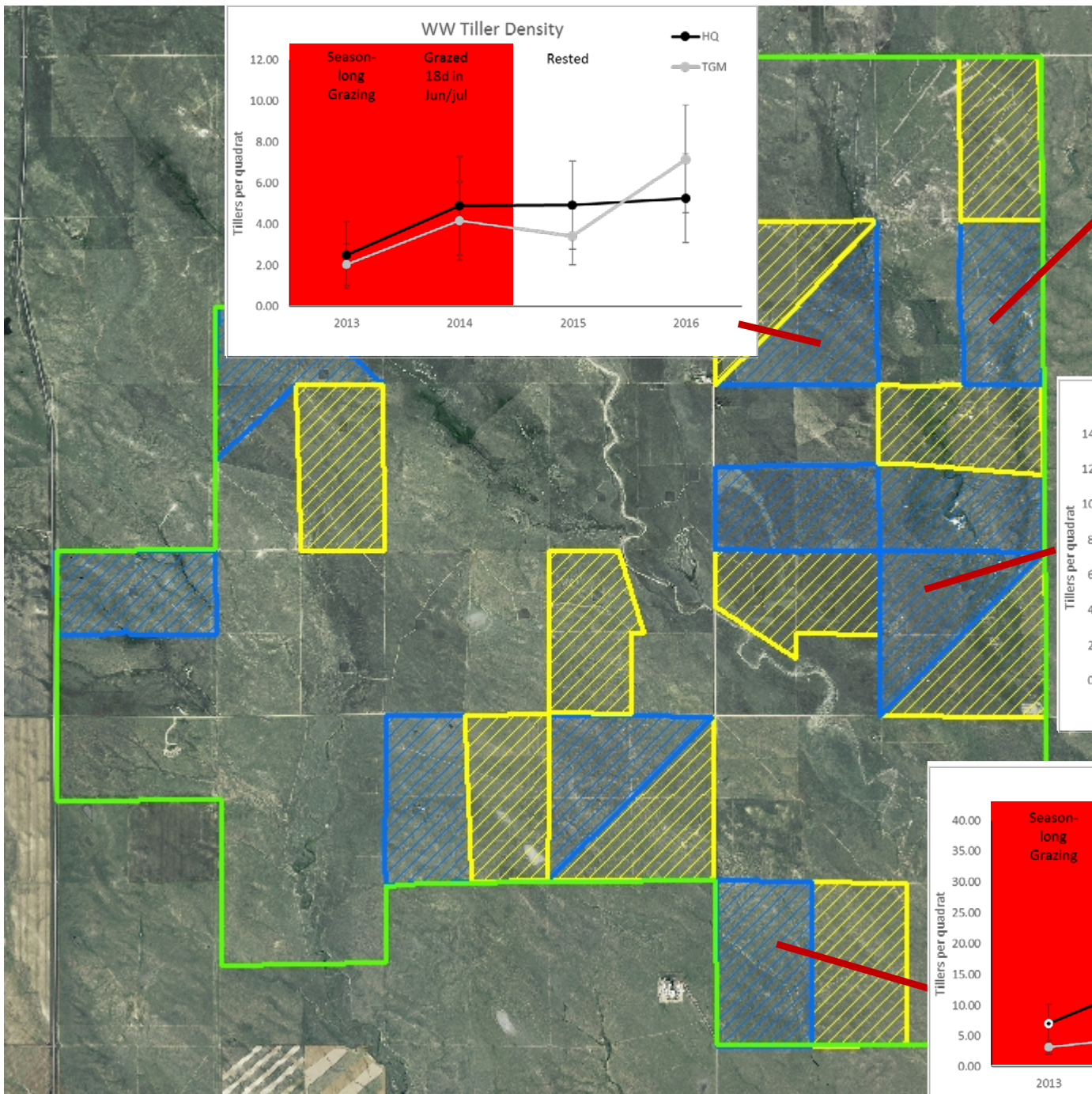


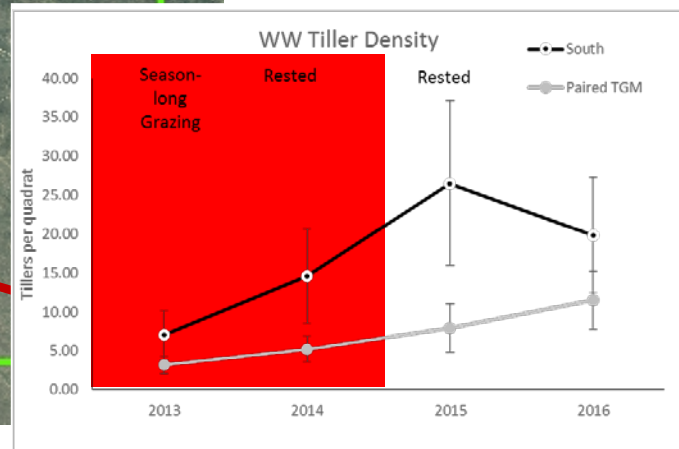
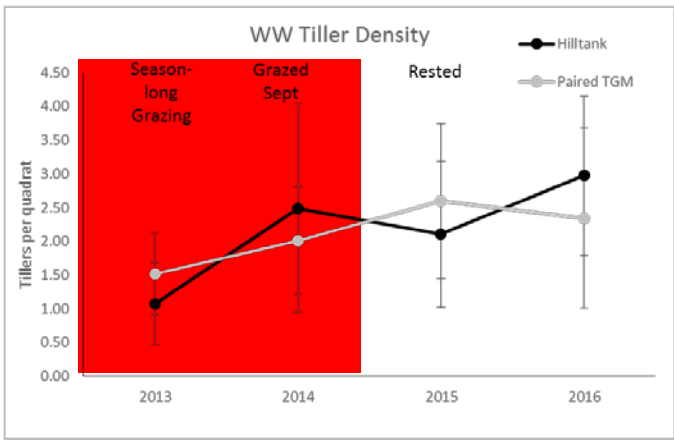
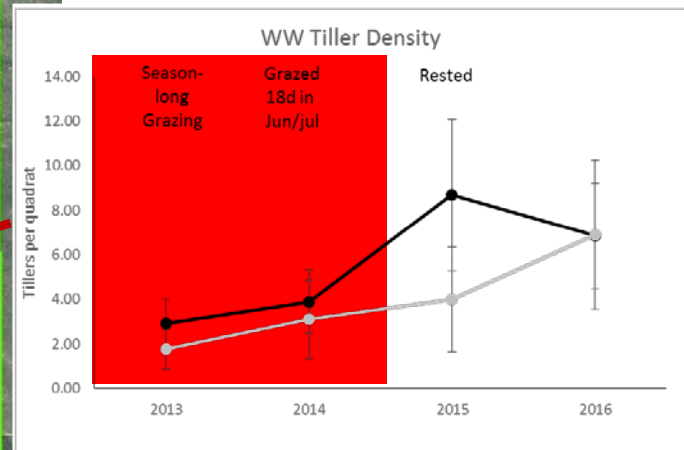
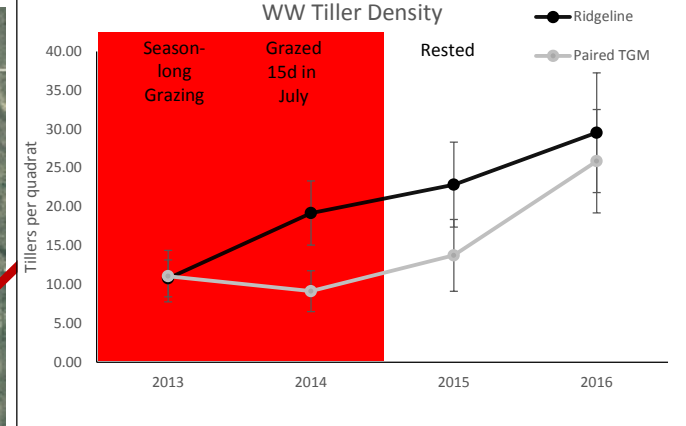
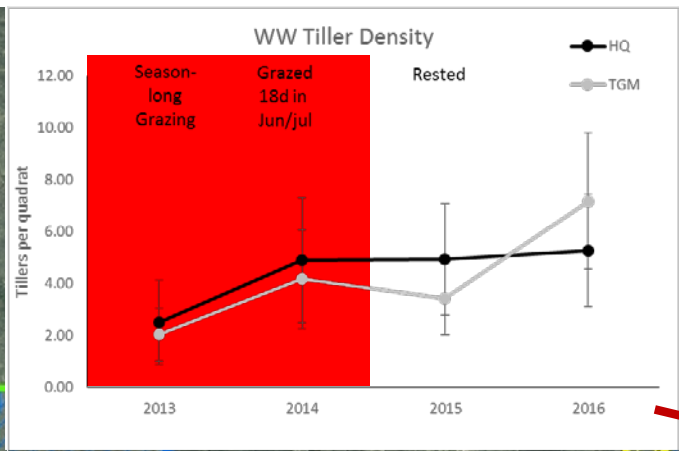
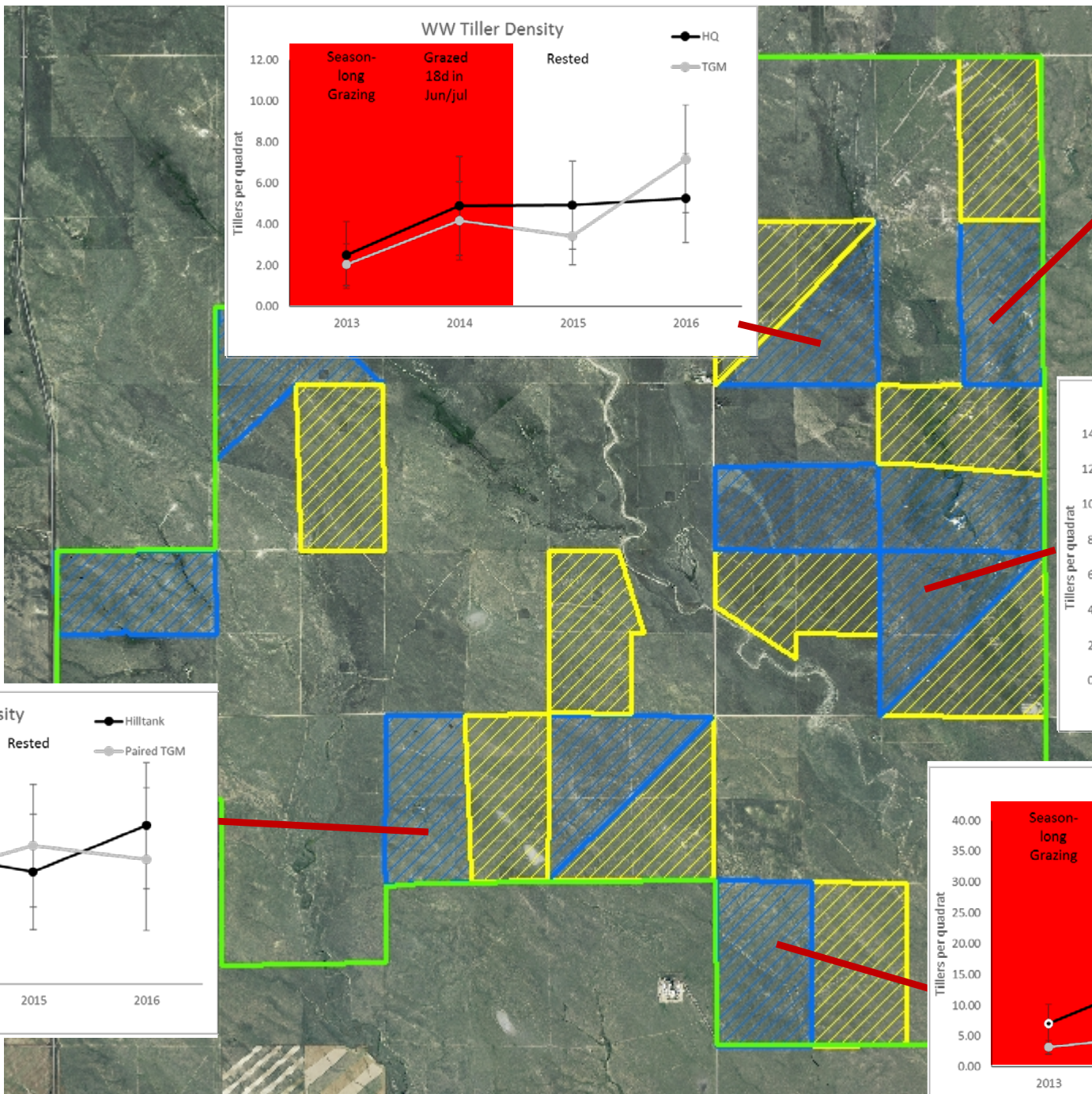
WW Net Increase Increase (2016 Density minus 2013 Density per pasture; thick black line is mean change); no statistical difference between grazing treatments

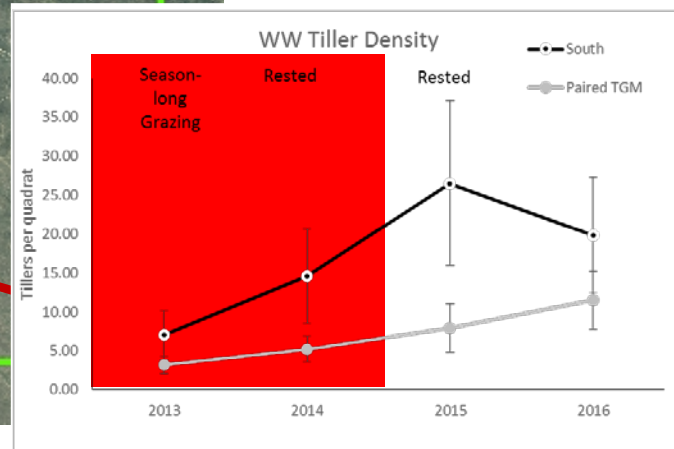
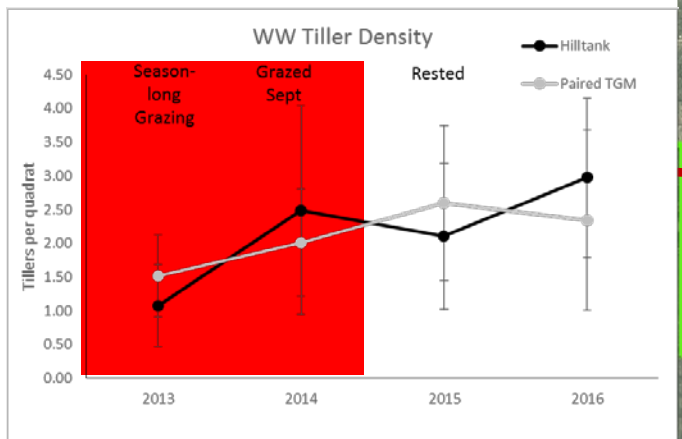
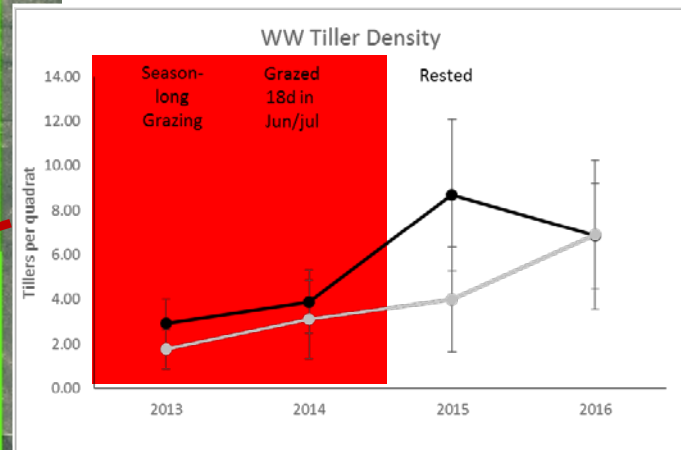
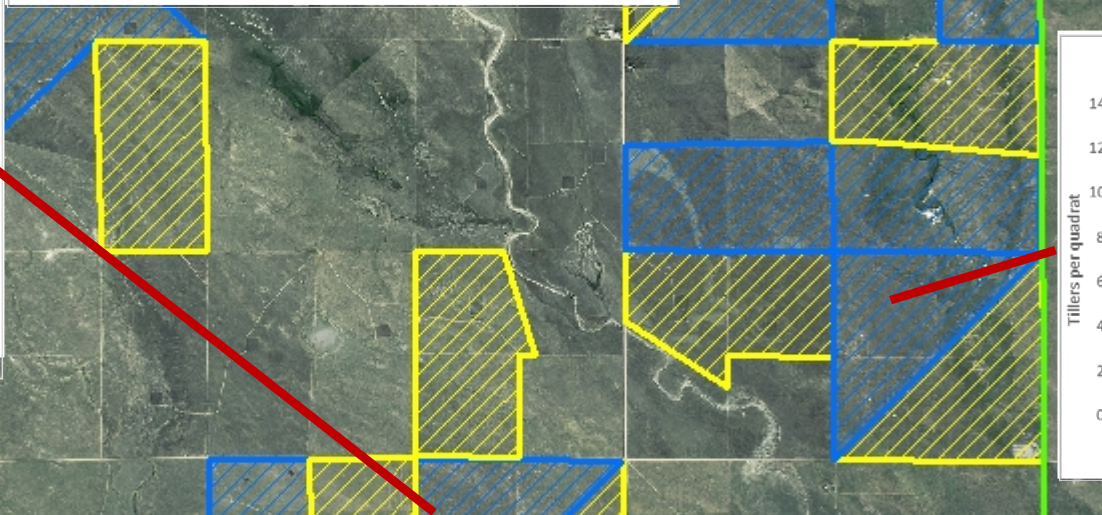
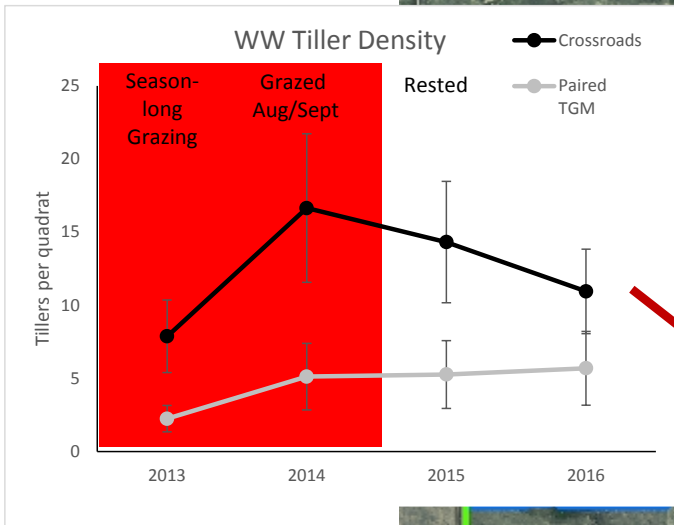
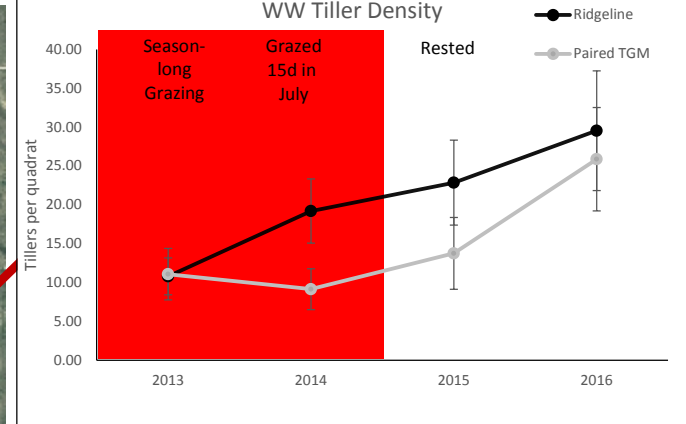
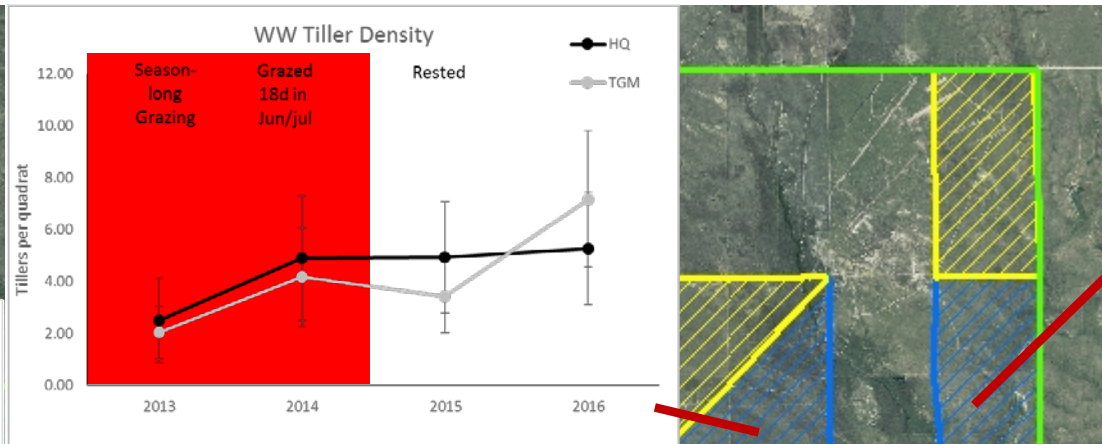












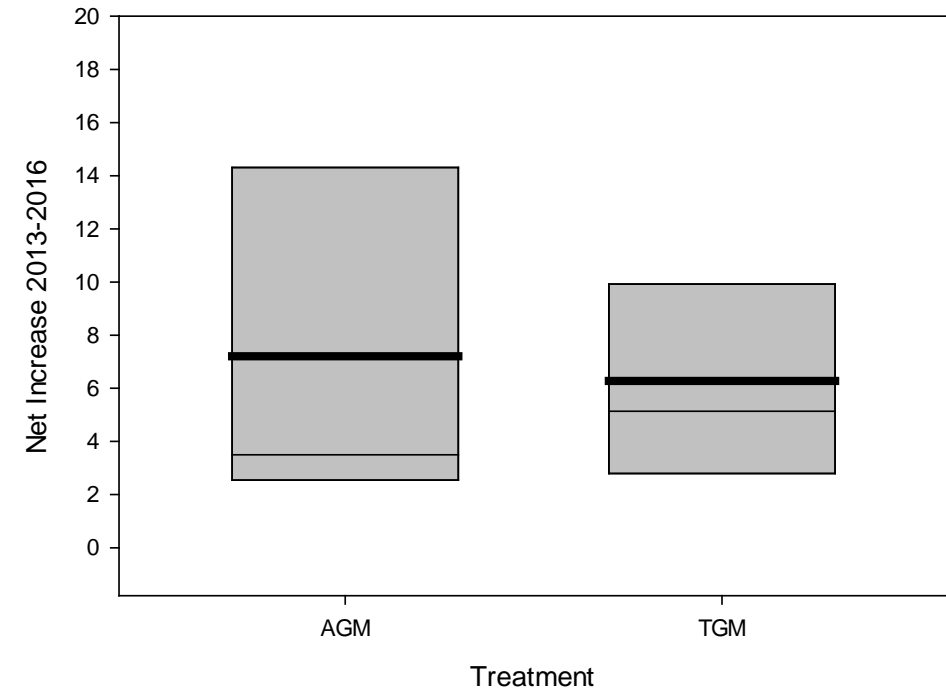
Change in WW abundance averaged across 6 AGM pastures rested in 2015 vs. 6 paired TGM pastures

How fast did they increase relative to 2013 density?



WW Rate of Increase (2016 density divided by 2013 density per pasture; thick black line is mean ROI; thin line is median); no statistical difference between grazing treatments

How much did they increase relative to 2013 density?



WW Net Increase Increase (2016 Density minus 2013 Density per pasture; thick black line is mean change); no statistical difference between grazing treatments

Meaning of boxplots

- Thick black line is mean
- Thin line is median
- “Error bars” show 10th and 90th percentiles, which can only be computed for samples ≥ 9
- Upper and lower edge of box are 25th and 75th percentiles