

Figure 7. 2015 Ammonium and nitrate levels in the soil. \* Significant difference among treatments at p value <0.05

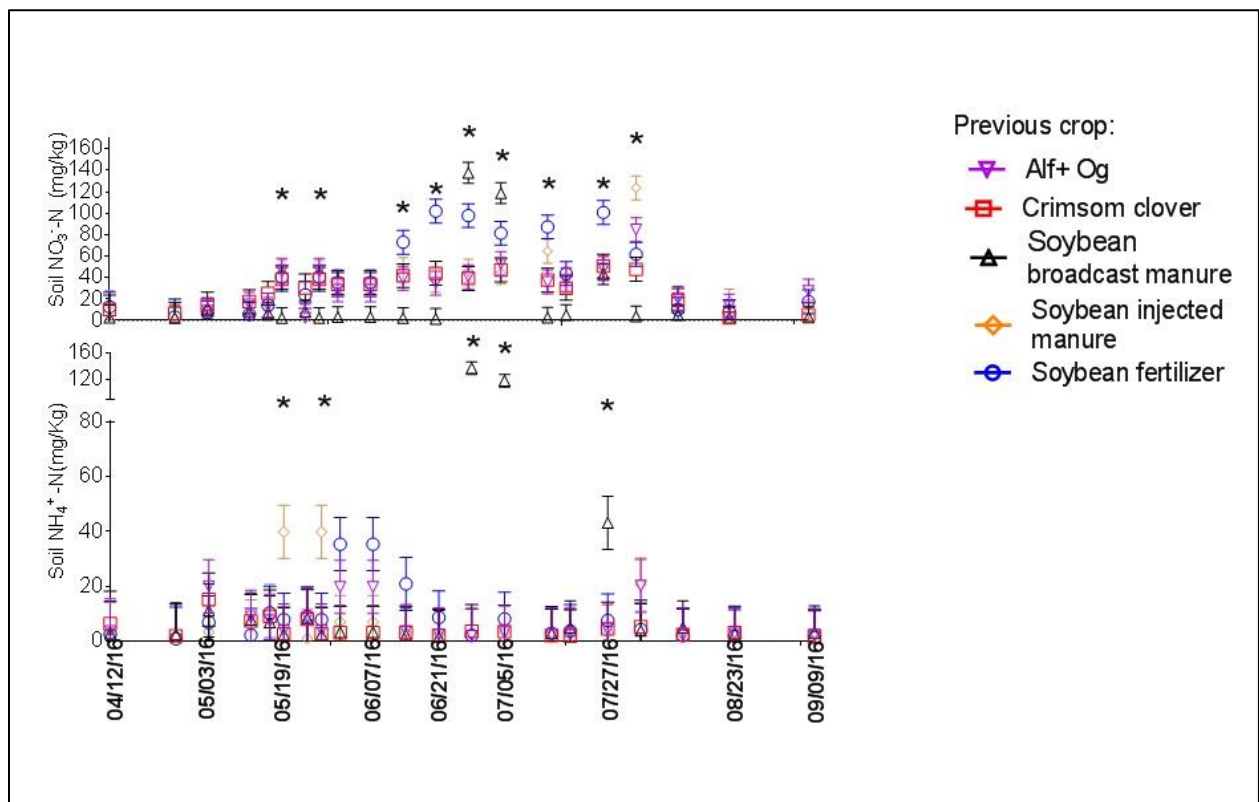


Figure 8. 2016 Ammonium and nitrate levels in the soil. \* Significant difference among treatments at p value <0.05.

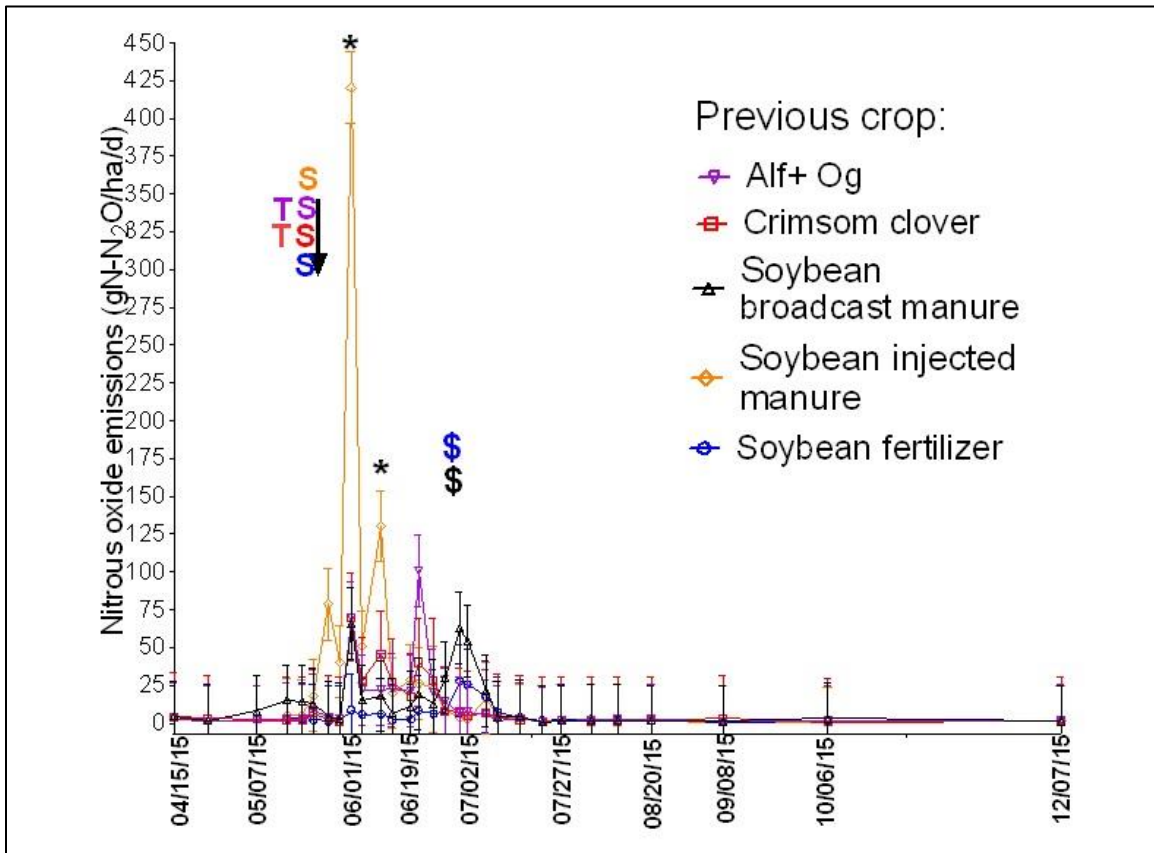


Figure 9. 2015 Nitrous oxide emissions from soil planted to corn after four different crops. T indicates when the crop prior to corn was terminated; S indicates when manure was applied, ↓ indicates when corn was planted, \$ indicates when side-dress N was applied.

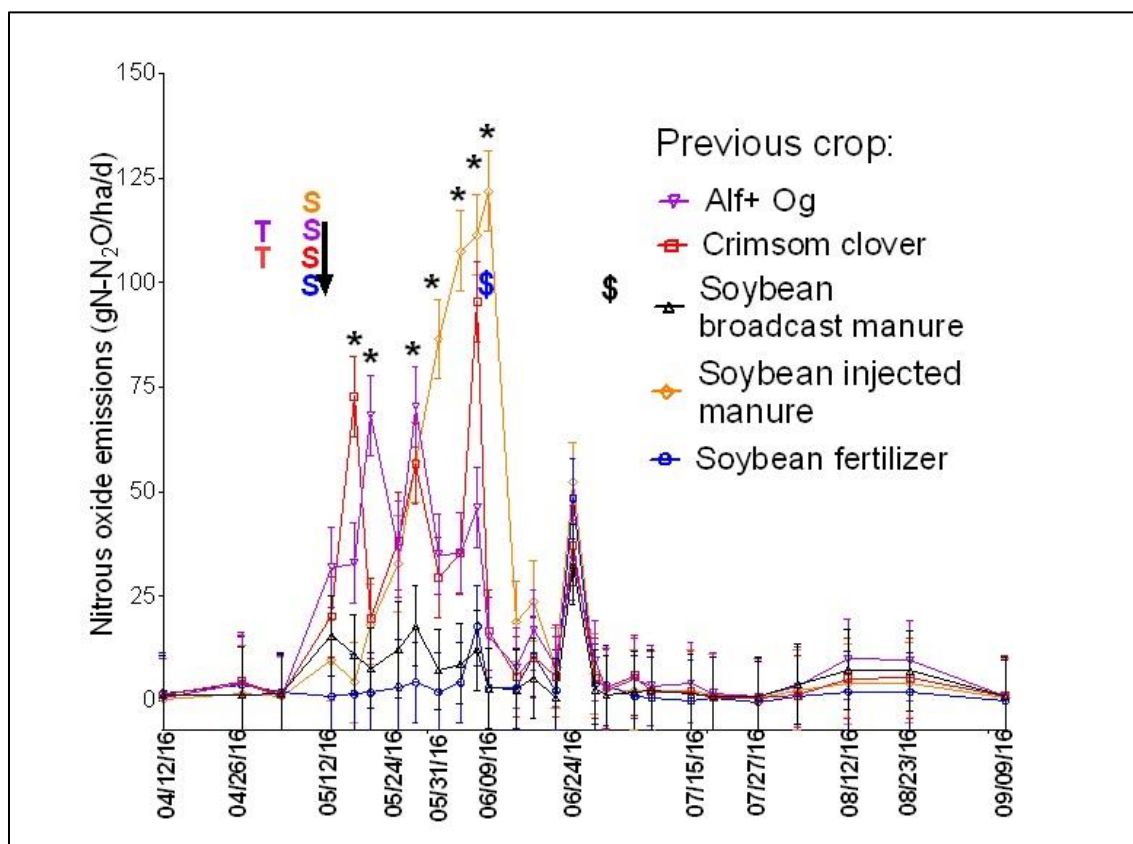


Figure 10. 2016 Nitrous oxide emissions from soil planted to corn after four different crops. T indicates when the crop prior to corn was terminated; S indicates when manure was applied, ↓ indicates when corn was planted, \$ indicates when side-dress N was applied.

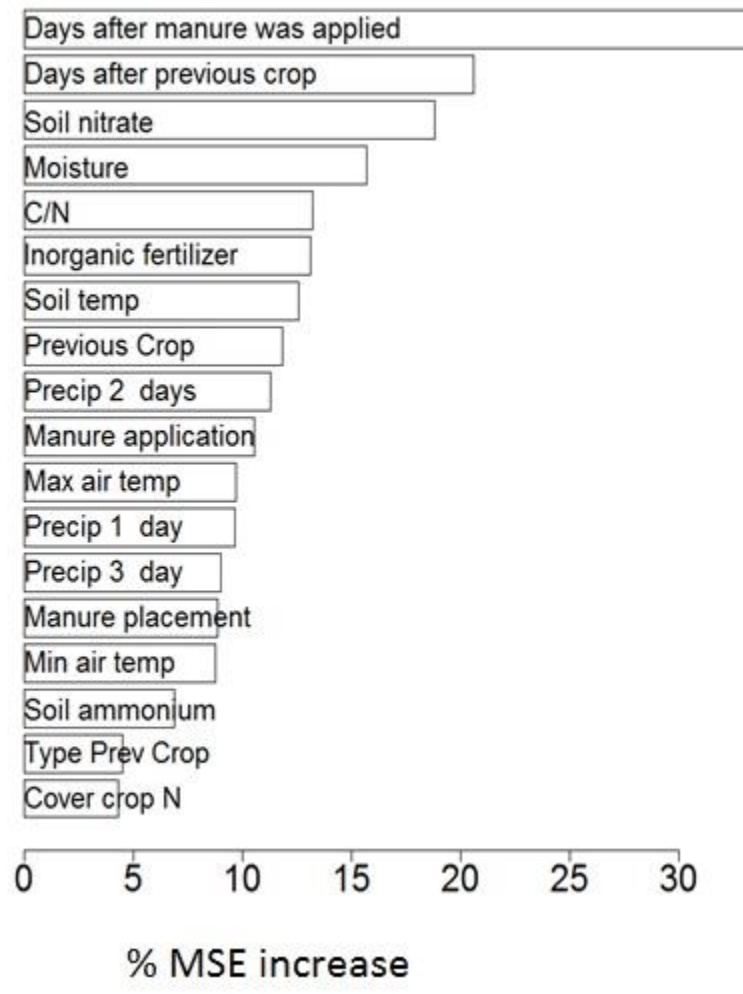


Figure 11. Variable importance plots for predictor variables from random forests (RF)