The Effect of Soil Moisture Content in Soil Microbial Biomass Loblolly Pine Stand

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Results

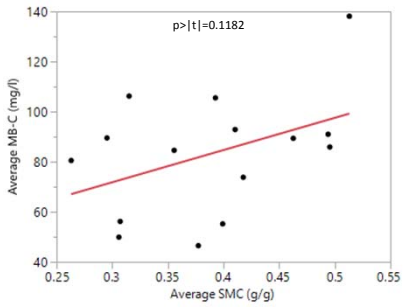


Fig 5: Bivariate fit of MB-C by SMC during Winter 2016.

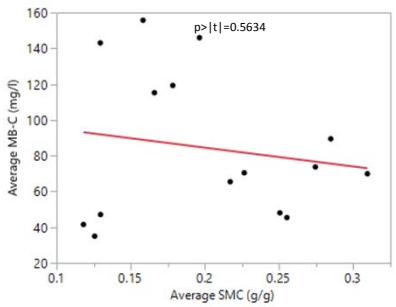


Fig 6: Bivariate fit of MB-C by SMC during Spring 2016.

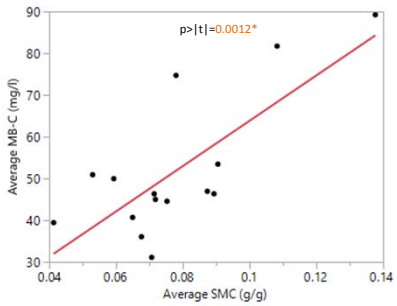


Fig 7: Bivariate fit of MB-C by SMC during Summer 2016.

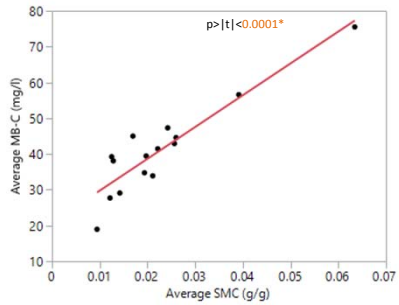


Fig 8: Bivariate fit of MB-C by SMC during Fall 2016.

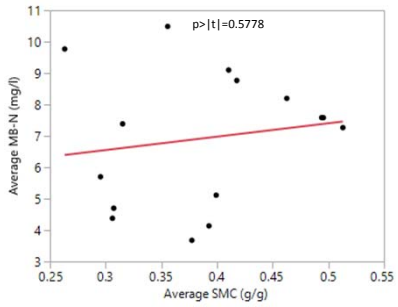
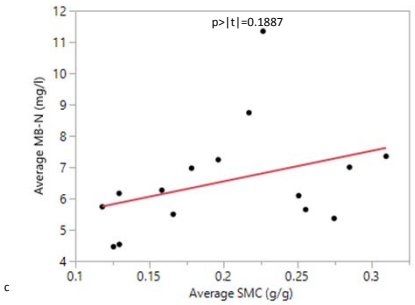


Fig 5: Bivariate fit of MB-N by SMC during Winter 2016.



c

Fig 6: Bivariate fit of MB-N by SMC during Spring 2016.

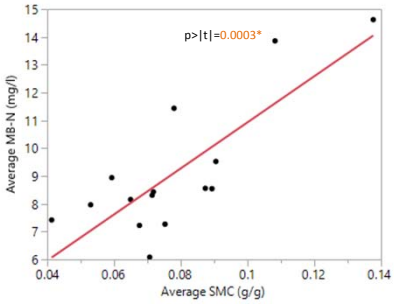


Fig 7: Bivariate fit of MB-N by SMC during Summer 2016.

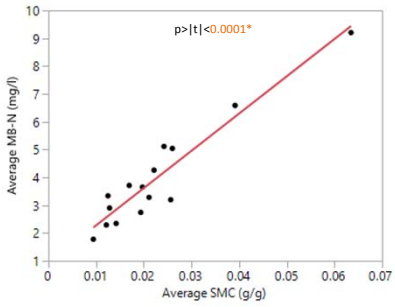


Fig 8: Bivariate fit of MB-N by SMC during Fall 2016.

Summary

- In every season, soil moisture was observed to be lower than the previous season.
- MB was not affected by the SMC in the winter and the spring, while MB was affected by SMC in the summer and the fall.
- Soil microbes might be limited due to low moisture availability in the summer and the fall.