

Figure 23. Slug damage of corn plants at the V2 growth stage. Average + SE. In the Manure rotation CS was corn planted after alfalfa and orchardgrass grown for silage, CG is corn that was planted after red clover or crimson clover grown for grain. * indicates a treatment that differed significantly from the other treatments at p=0.05.

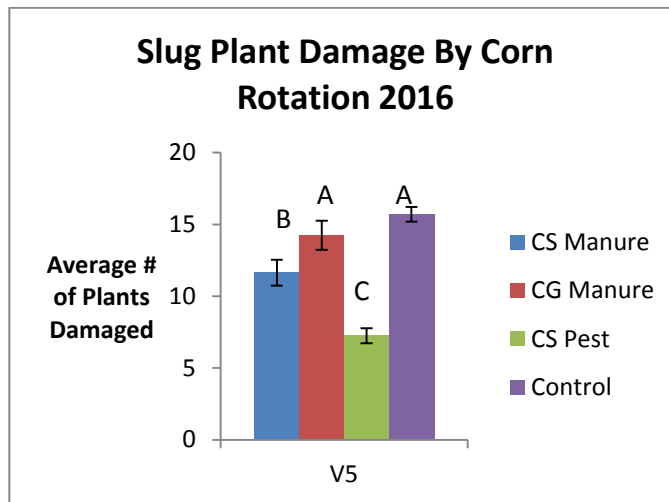


Figure 24. Slug damage of corn plants at the V5 growth stage. Average + SE. In the Manure rotation CS was corn planted after alfalfa and orchardgrass grown for silage, CG is corn that was planted after red clover or crimson clover grown for grain. A, B, C indicate treatments that differed significantly from the others the others at p=0.05.

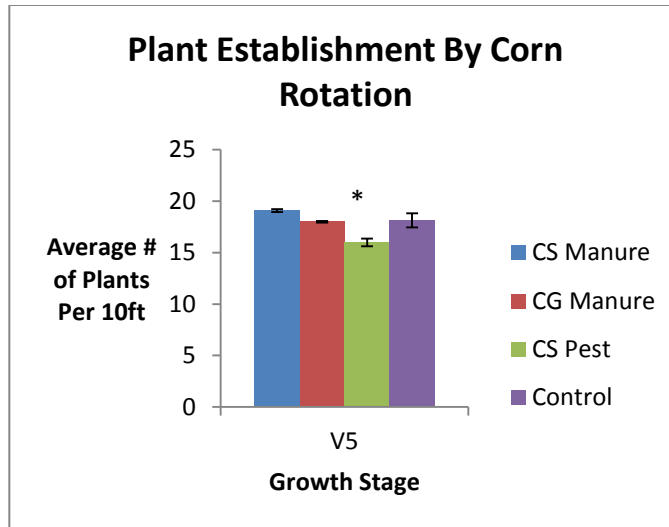


Figure 25. Average number of plants within each corn rotation at V5 growth stage. Average + SE. In the Manure rotation CS was corn planted after alfalfa and orchardgrass grown for silage, CG is corn that was planted after red clover or crimson clover grown for grain. * indicates a treatment that differed significantly from the others at p=0.05.

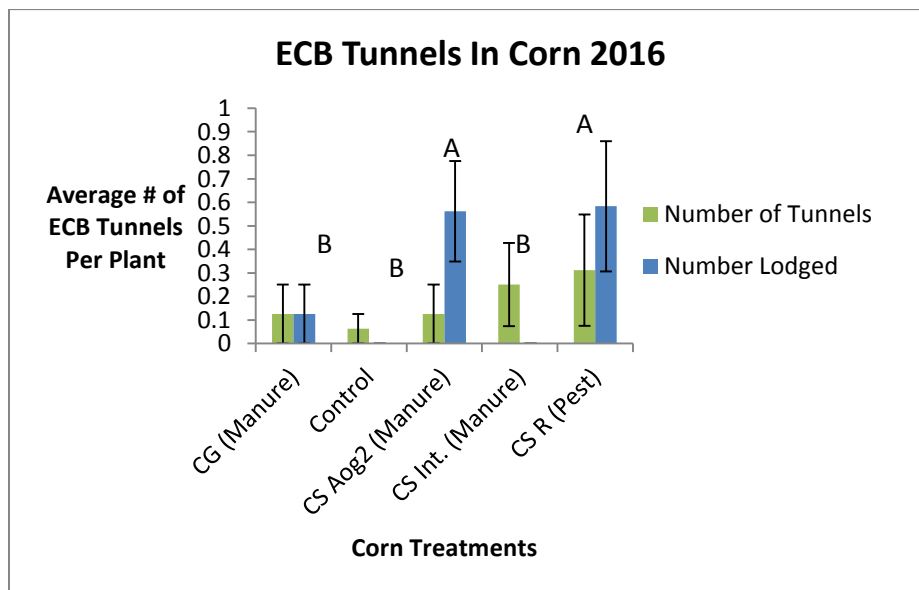


Figure 26. The average number of European Corn Borer Tunnels in four corn treatments. Average + SE. In the Manure rotation CG is corn grown for grain that was planted after red clover and crimson clover, CS, Aog2 was corn grown for silage planted after after and orchardgrass and CS Int was planted after interseeded cover crops were terminated. A, B indicate treatments that differed significantly from the others the others at p=0.05.

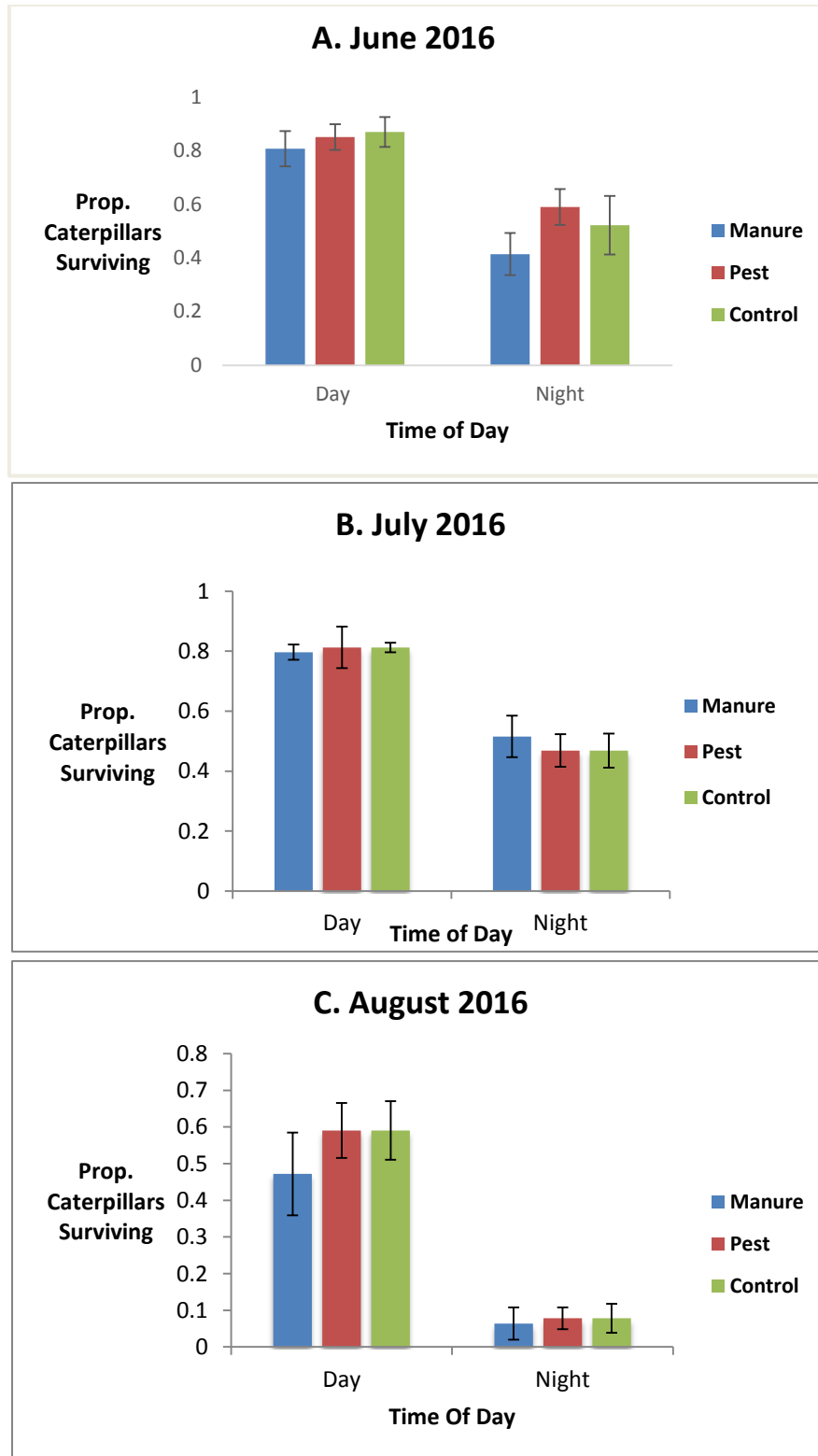


Figure 27. Percentage of waxworms that survival over a 24hr time period, broken into two twelve hour events (Day, and Night). Average + SE. In the manure rotation, corn planted after red clover and crimson clover was sampled. In the pest rotation corn after a rye cover crops was sampled.

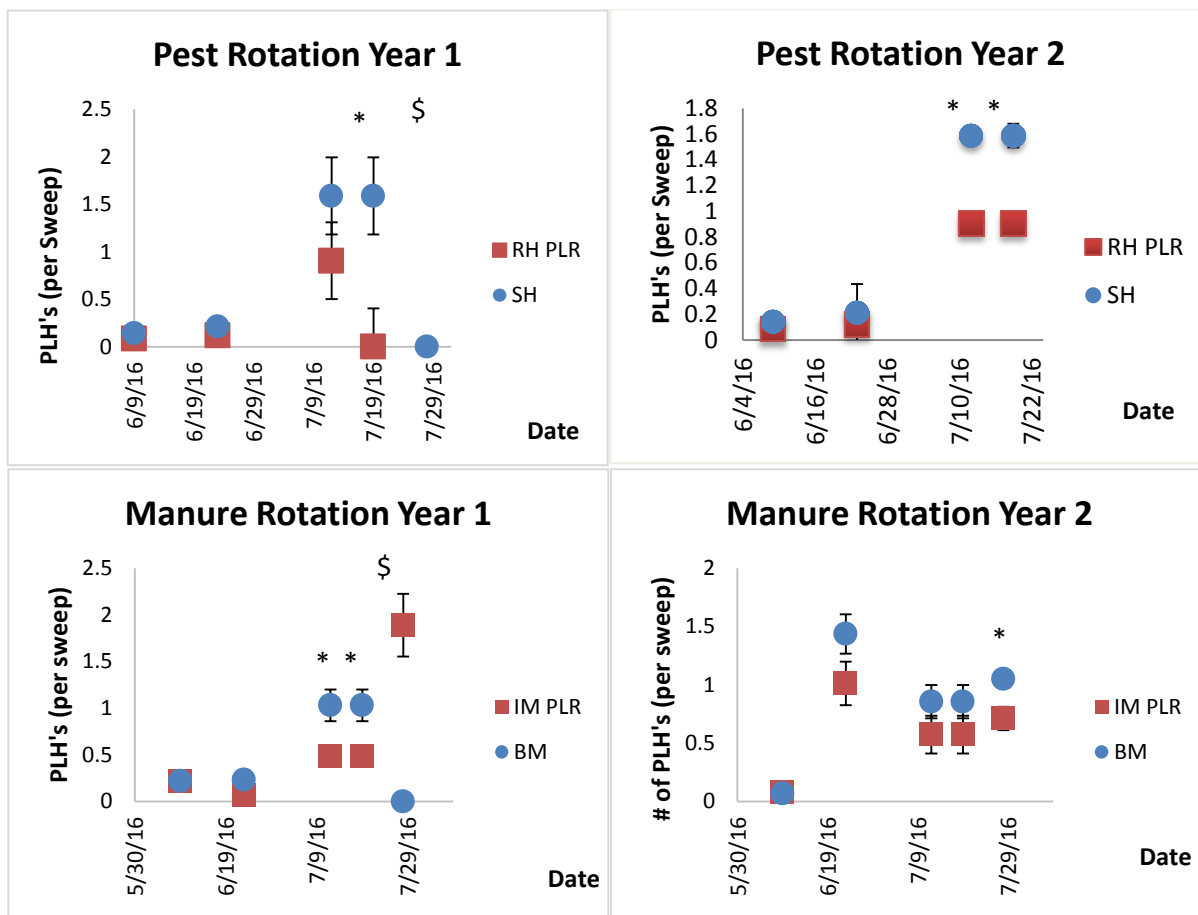


Figure 28. Average Potato Leafhopper population by alfalfa treatment through June and July of 2016. Insecticide applied after July 19th in all first year treatments except the PLR treatment in the Manure Rotation, and applied in the 2nd year standard herbicide (SH) treatment in the Pest Rotation. Average + SE. * indicates a treatment that differed significantly from the other treatments at p=0.05.