



ANTAGONISTIC INTERACTION AGAINST PLANT INSECTS

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ABSTRACT

Plants and insects have been co-existing for more than 400 million years, leading to intimate and complex relationships. Many insects are harmful for plants species which put the negative effects on plant and destroy yields but some host insect have ability to kill harmful insects , those have specific competition between plants focused insects can have synergistic effects on the growth and performance of the attacked host plant. Rather than killing the whole plant, insects affect on plant growth and productiveness and can thereby affect the competitive ability of the attacked plant .Herbivore-induced shifts in the competitive chain of command of plant species are often invoked to explain the effects of herbivorous insects on the structure and dynamics of plant communities to capture resources for regrowth and herbivore defense depends on the competitive regime. We conclude that both competitor identity and the herbivore's ability to respond with changes in its density or activity to plant competition affect the direction (synergistic vs. antagonistic) of the interaction between competition and herbivory on plant growth.

Keywords: Antagonistic, Herbivorous, Insects, Synergistic effects