

IV. Nuts

f. Implementation

1. Miscellaneous beneficial and pest insects Hazelnuts

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A computer key to identify common beneficial and pest insects of hazelnut orchards was developed using PERSONAL CONSULTANT EASY, an expert system shell developed by Texas Instruments. The key was made to be used by consultants or growers with a small to moderate knowledge of insects. Graphics are used throughout the key to help users answer questions concerning the insect's appearance. A graphic representation of the identified insect is displayed on the screen at the end of the run as well as text information on the biology of that insect. Users are also informed at the end to take their specimen to an expert before beginning any control programs.

This identification key is to be the first of several hazelnut management computer programs to be developed off of the PERSONAL CONSULTANT EASY system. Future applications will contain information on identifying problems based on tree damage, monitoring insect pests, and controlling insect pests.