

Implementation

Development of Palm Pilot based spray recommendation databases for deciduous fruits

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Abstract: Palm OS databases were developed to help agricultural consultants make decisions for IPM programs in deciduous fruits and grapes. The databases allow the user to view the recommendations by time of season and pest or disease. Each record for a pesticide includes rates, information on other pests controlled, effects on natural enemies, re-entry interval, pre-harvest interval, bee toxicity and any use restrictions. The disease databases are similar, but also include cross-resistance factors that are a serious concern with disease management programs. The inclusion of this information in a small, inexpensive, and easy-to-use hand-held computer allows the user to compare pesticides to maximize control while considering other use factors.