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Organization of this Publication

The first part of this manual contains introductory information about pesticides, sprayer calibration, and references pertaining to crop protectant efficacy and use characteristics for each pest category (diseases, insects, etc.). This is followed by a section on nutrient management and fertilizer recommendations for apple orchards. Information on forecasting, sampling and monitoring is included for selected pests. This is followed by a section on nutrient management and fertilizer recommendations for apple orchards. Next, for each crop, a section on General Pest Management Considerations contains numbered comments on biology, cultural notes, monitoring, and pesticide use for each pest, in the following order:

Diseases

- Disease 1
 - Biology & Cultural
 - Monitoring & Forecasting
 - Biological & Non-chemical Control
 - Pesticide Application Notes
 - Pesticide Resistance
- Disease 2, etc.

Insects and Mites

- Insect 1, Etc.

Diseases are addressed first, followed by insects and mites (as a group), each in alphabetical order. Reference may be made here to additional publications available for further information. This section is followed by a Pesticide Spray Table, which lists specific products for the control of each disease, insect and mite pest of this crop, giving products (alphabetically by trade name), rates, re-entry and pre-harvest intervals, and comments keyed to specific sections of the written notes in the preceding General Pest Management Considerations. Pests are addressed in order as above, proceeding phenologically through the season.

Weed control guidelines are listed next, separately for each crop.

Lastly is an appendix of tables listing common names, product names, EPA registration numbers, Personal Protective Equipment guidelines, and spray mixture compatibility suggestions for the materials included in this publication, followed by a list of other fruit reference materials, diagnostic services, and faculty and extension programs.

A key to the abbreviations and footnotes used in this publication is found in the back of this book.