

The major prepared text of the book is devoted to the toxicology of insecticides:

- Organo phosphates
- N-methyl carbamates
- Solid organochlorines
- Biologicals
- Arsenicals

Unfortunately, the prepared text ends at page 105 with the remaining two-thirds of the text devoted to Appendices. I rarely find the balance pleasing when the appendices outweigh the text. The four appendices are:

- Properties, action and toxicological data base (although the material is labeled Part III, it really is a list which I consider appendix material)
- List of pesticides produced
- Pesticide production cross index
- Application index

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*Unit Operations in Environmental Engineering*, Edited by R. Noyes, Noyes Data Corp., Park Ridge, NJ, 1994, \$76.00, 498pp., ISBN: 0-8155-1343-7

This book is a comprehensive compilation of traditional as well as emerging unit operations applied to wastewater and solid wastes. There are eight chapters covering a wide range of topics:

- Biological Technology
- Chemical Technology
- Containment and Barrier Technology
- Immobilization Technology
- Membrane Technology
- Physical Technology
- Radiation and Electrical Technology
- Thermal Destruction Technology

Appropriately, the book opens with the well-known unit operation of biological waste treatment. This chapter has 43 subsections ranging from the activated sludge process to bioremediation using white rot fungus. Biofiltration, a novel process (recently introduced in the United States), is covered.

I much appreciate information on suppliers of equipment for ultraviolet light oxidation systems. The sections I read on newer technologies such as rotating biological containers, air stripping and sequencing batch reactors were good — but not comprehensive. But, given the coverage of the book, they could not be. Limited, too, were references; 50 or so per chapter where each subchapter (there were 43 subchapters) could have had 50 references for each section — clearly impossible.

Thus I must conclude, the author has done a good job covering the field, but, being so brief, I wonder just how much use it will be to other than introductory students.

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