

about the handbook . . .

The complex and multidisciplinary field of mycotoxicology is a rapidly emerging area of international concern. Several presently known mycotoxins are carcinogenic to animals and as such may enter the human food chain and constitute a serious threat to human health. Also of major significance is the loss of animal and poultry productivity and performance through the insidious and debilitating effects of mycotoxins.

Compiling in one source information that was previously distributed throughout the literature and presenting new information in the field, this encyclopedic handbook is unique in its enormous scope and detailed treatment of topics, featuring:

- keys to the identification of each mycotoxic fungal species, and information on their laboratory manipulation
- the chemistry, methods, and procedures for the extraction, isolation, and identification of the specific mycotoxins that these fungi produce
- discussions of diseases in man, domestic and laboratory animals, poultry, aquatic species, and plants that are caused by these mycotoxins
- information on the control and regulation of contaminated food and foodstuffs

Containing contributions by 46 of the world's leading scientists—including mycologists, plant pathologists, veterinary pathologists, research medical biochemists and clinicians, biochemists, and USDA and FDA personnel—this handbook is vital reading for research scientists, teachers, veterinarians, physicians, laboratory diagnosticians, microbiologists, virologists, pharmacologists, and producers of food and feed.

about the editors . . .

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