

The background of the cover is a blurred image of a person in a plaid shirt using a tablet in a field of green crops. The person's hands are visible, holding the tablet and a blue pen. The overall scene is bright and outdoors. Several white circular icons are overlaid on the image: a tractor in the top right, a Wi-Fi symbol in the middle left, and a plant in the bottom right. There are also some white dashed lines and dots scattered across the image, suggesting a digital or technological theme.

SMART AGRICULTURE FOR CROP DISEASE MANAGEMENT

SYAFEEZA AHMAD RADZI
WIRA HIDAYAT MOHD SAAD

SMART AGRICULTURE FOR CROP DISEASE MANAGEMENT

Unlock the future of farming with "Smart Agriculture for Crop Disease Management," a revolutionary guide that bridges the traditional farming techniques with cutting-edge technology. Dive into this comprehensive book and discover a mobile-based solution designed to intelligently diagnose and treat diseases plaguing solanaceous crops, empowering farmers to reduce yield losses and enhance crop health. Immerse yourself in the world of visual imaging and deep learning models, where a user-friendly mobile application becomes your assistant in identifying and diagnosing various crop diseases. Learn how this innovative technology helps prevent the misuse of fertilizers and preserves essential soil microorganisms.

Uncover the critical importance of Solanaceous crops and the transformative power of mobile-based solutions in modern agriculture. Gain invaluable insights into creating accurate datasets and harnessing AI for efficient disease detection. This book offers a step-by-step guide on developing the mobile app, providing practical advice on building, integrating, and deploying the solution for maximum effectiveness in real-world conditions. "Smart Agriculture for Crop Disease Management" is more than a guide; it's a blueprint for sustainable agriculture. Equip yourself with the tools to embrace modern technology and achieve unprecedented success in your fields.



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