

Compendia

interactive encyclopedias



the support tools you need...
right at your fingertips



Crop Protection Compendium

“It is currently the best single resource and is constantly improving in quality and content.”

Eileen Welch, USDA APHIS, USA

what is the Crop Protection Compendium?

A time-saving, encyclopedic, mixed-media tool that draws together scientific information on all aspects of crop protection. It features extensive global coverage of pests, diseases, weeds and their natural enemies, the crops that are their hosts, and the countries in which they occur.

vital stats

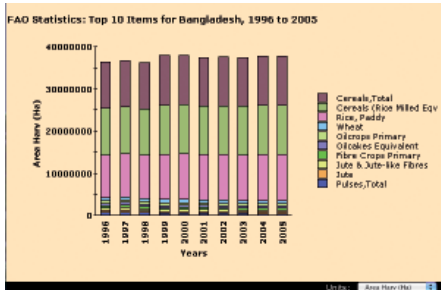
- 2,400 detailed datasheets on crop pests, diseases, weeds, invasive plants and natural enemies, prepared by experts and independently verified
- More than 200 detailed crop datasheets
- Information for an additional 10,000 species
- Over 8,000 pictures to allow for easy identification and teaching
- Over 110,000 bibliographic records from our CAB Abstracts database
- Interactive glossary with more than 9,000 terms, some multilingual, including information on pesticides and biopesticides
- An extensive library of documents, some specially commissioned, on various aspects of crop protection, including sections on phytosanitary resources, invasive plants, horticulture, transgenic crops, economic impact, postharvest issues and safe movement of germplasm



unique features

- Extensive global coverage of crops, pests and natural enemies in a single resource with fast and easy navigation between text, images, maps and databases
- A simple, step-by-step diagnostic tool to aid in the identification of pests by symptoms, crop or country and identification keys to specific pest groups including fruit flies, beetles, nematodes and weeds
- An International Database of Seedborne Diseases
- Data on the economic impact of harvest losses for 11 major crops
- Pest distribution data from the EPPO (European Plant Protection Organization) PQR database, CABI/EPPO maps, IPPC (International Plant Protection Convention) Official Pest Reports, and other sources
- Statistics on crop production (by crop and country) and land use from FAOSTAT, demographic and economic data supplied by the World Bank
- Pest risk analysis: a decision support tool which provides a framework to identify and assess the risks associated with the importation of plant commodities and the introduction of pests into new areas.*

*this application is only available on CD



what does it cover?

Pest identification / taxonomy / morphology / symptoms, detection and diagnosis / geographical distribution, introduction and spread / phytosanitary risk / biology and ecology / habitat, movement and dispersal / natural enemies / economic, social and environmental impact / invasiveness / pest management / seed pathology / crop production, botany and uses / genetic variation and breeding / production and international trade

who uses it?

Extension officers
Lecturers and students
Researchers
Plant quarantine officers
Policy makers
Crop managers
Crop protection practitioners (both public and private sector)
Seed and biotechnology industry
Agrochemical industry
Plant breeders
Entomologists, plant pathologists, nematologists and weed specialists

what do they have to say about it?

“One of the most exciting and useful resources for those interested in pests and diseases of plants.”
Ian MacLarty, Plant Health Risk Assessment Unit, Canadian Food and Inspection Agency, Canada

“We do not know how we would have been able to cope without it.”
Dr Esther Kimani, Kenya Plant Health Inspectorate Service, Nairobi, Kenya

“A marvellous and convenient tool to ...gather worldwide information on crop protection.”

Dr Nalini Gnanapragasam, Cropoptima (Pvt) Ltd, Sri Lanka

this Compendium was developed by International Development Consortium members:



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