

Proceedings from the workshop on computer-based plant protection advisory systems

Proceedings fra workshop om computerbaserede vejledningssystemer

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Resumé

Hovedemnerne i beretningen er følgende: National status på computerbaserede vejledningssystemer i plantebeskyttelse, generelle databaser inden for plantebeskyttelse, specifikke vejledningsmodeller for sygdomme og skadedyr, dyrknings- og afgrødemodeller samt nye tekniker til formidling af information. National status for anvendelse af plantebeskyttelsessystemer er gennemgået for Belgien, Danmark, Irland, Norge, Spanien og Storbritanien. Regionale syste-

mer er derudover behandlet fra Tyskland og Italien. Opbygningen af specifikke systemer i Holland, Schweiz, Norge og Danmark samt anvendelse af jordbrugsmeteorologiske data i varslingen af skadevoldere samt bedømmelsesmetoder er diskuteret. Fremtidige muligheder og anvendelse af CD-ROM og audiotex i plantebeskyttelsessystemer er desuden behandlet. I workshoppen deltog repræsentanter fra 13 europæiske lande.

Nøgleord: Europæisk status, varslingsmodeller, afgrødemodeller, vækstmodeller, nye informationstekniker.

Summary

The topics covered by the proceedings include – national status on computer-based plant protection advisory systems; general plant protection databases; pest and disease forecast models; recommendation models for plant protection; crop management and plant growth models; and new information techniques. The national status on the various computer-based plant protection systems are presented for Belgium, Denmark, Ireland, Norway, Spain and the UK, and some

regional systems from Germany and Italy are also included. The structure of plant protection models developed in the Netherlands, Switzerland, Norway and Denmark, the agrometeorological models for disease and pest forecasting, and the disease assessment methods are discussed. Application of and future developments in CD-ROM and audiotex for plant protection service are presented. There were representatives from 13 European countries at the workshop.

Key words: European status, forecast models, crop management models, crop growth models, new information techniques.

Beretningen kan fås hos Planteværnscentret, Lottenborgvej 2, 2800 Lyngby, tlf. 45 87 25 10.

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