

บรรณานุกรม

- กองโรคพืชและจุลชีววิทยา. (ไม่ระบุปีที่พิมพ์). คำแนะนำการป้องกันกำจัดโรคพืชด้วยสารเคมี. เอกสารวิชาการ. กองโรคพืชและจุลชีววิทยา กรมวิชาการเกษตร. กระทรวงเกษตรและสหกรณ์. 174 หน้า.
- เกษม สร้อยทอง. 2532. การควบคุมโรคพืชโดยชีววิธี. คณะเทคโนโลยีการอาหาร สถาบันเทคโนโลยีพระจอมเกล้าเจ้าคุณทหารลาดกระบัง. 326 หน้า.
- จำรัส โปร่งศิริวัฒนา. 2534. ความรู้เรื่องข้าว. สถาบันวิจัยข้าว กรมวิชาการเกษตร. กระทรวงเกษตรและสหกรณ์. 458 หน้า.
- ทัศนีย์ สงวนสังข์. 2540. บทบาทของพันธุกรรมด้านทานโรคและแมลงกับการปรับปรุงพันธุ์ข้าวของไทย. เอกสารวิชาการ. ศูนย์วิจัยข้าวพิษณุโลก สถาบันวิจัยข้าว กรมวิชาการเกษตร, กระทรวงเกษตรและสหกรณ์. 174 หน้า.
- วิโรจน์ ณ ระนอง และ อัมพร สยามวาลา. 2533. ประมวลความรู้เรื่องข้าว. สถาบันวิจัยเพื่อการพัฒนาประเทศไทย. 436 หน้า.
- ศิริพงษ์ คุ้มภัย และ รัศมี ฐิติเกียรติพงษ์. 2539. เทคโนโลยีชีวภาพโรคพืชและจุลชีววิทยา. กองโรคพืชและจุลชีววิทยา กรมวิชาการเกษตร. กระทรวงเกษตรและสหกรณ์. 183 หน้า.
- สุธีรา ทองกันทา. 2540. การแยกและคัดเลือกรเชื้อราในต้นพืชตระกูลไผ่พื้นเมืองบางชนิดของไทยที่สามารถผลิตเอนไซม์ย่อยโพลีแซคคาไรด์. วิทยานิพนธ์ปริญญาโท. มหาวิทยาลัยเชียงใหม่. 100 หน้า.
- สมคิด คิสถาพร. 2532. ขาวนาปราบโรคข้าว. กลุ่มงานวิจัยโรคข้าวและธัญพืชเมืองหนาว กองโรคพืชและจุลชีววิทยา กรมวิชาการเกษตร. กระทรวงเกษตรและสหกรณ์. 116 หน้า.
- อนุภาพ ภาสุระ. 2536. การผลิตมวลชีวภาพเชื้อรา *Trichoderma harzianum* โดยกระบวนการหมักอาหารเหลือเพื่อใช้ในการควบคุมเชื้อราโรคพืชทางชีววิธี. วิทยานิพนธ์ปริญญาโท. มหาวิทยาลัยเกษตรศาสตร์. กรุงเทพฯ.
- Ajit, V., Sativa, V., Sudha, Nirmal, S., Britta, B. and Phillipp, F. 1999. *Piriformospora indica*, a cultivable plant-growth-promoting root endophyte. Applied and Environmental Microbiology 65: 2741-2744.
- Bacon, C.W., Porter, J.K., Robbins, J.D. and Luttrell, E.S. 1977. *Epichloe typhina* from toxic tall fescue grasses. Applied and Environmental Microbiology 34: 576-581.

- Bacon, C.W. and Hinton, D.M. 1996. Symptomless endophytic colonization of maize by *Fusarium moniliforme*. Canadian Journal of Botany 74: 1195-1202.
- Bacon, C.W. and Nelson, P.E. 1994. Fumonisin production in corn by toxigenic strains of *Fusarium moniliforme* and *Fusarium proliferatum*. Journal Food Protection 57: 514-521.
- Barnett, H.L. and Hunter, B.B. 1987. Illustrated Genera of Imperfect Fungi. 4th edition, Macmillan Publishing Company, New York, USA . 218 p.
- Barrow, J.R., Havstad, K.M. and McCaslin, B.D. 1997. Fungal root endophytes in fourwing saltbush, *Altriplex canescens*, on arid vangelands of southwestern USA. Arid Soil Research and Rehabilitation 11: 177-185.
- Bayman, P., Angulo, S.P., Baez, O.Z. and Lodge, D.J. 1998. Distribution and dispersal of *Xylaria* endophytes in two tree species in Puerto Rico. Mycological Research 102: 944-948.
- Belanger, F.C. 1996. A rapid seedling screening method for determination of fungal endophyte viability. Crop Science 36: 460-462.
- Bettucci, L. and Alonso, R. 1997. A comparative study of fungal population in healthy and symptomatic twigs of *Eucalyptus grandis* in Uruguay. Mycological Research 101: 1060-1064.
- Bettucci, L. and Saravay, M. 1993. Endophytic fungi of *Eucalyptus globulus*: a preliminary study. Mycological Research 67: 679-682.
- Boontim, N. and Lumyong, S. 1998. Some metabolites of endophytic fungi are potential inhibitors of bacterial and fungal growths. Thaksin Journal 1: 89-92.
- Booth, C. 1971. The Genus *Fusarium*. Commonwealth Mycological Institute, Kew, England. 58 p.
- Booth, C. 1977. *Fusarium* Laboratory Guide to the Identification of the Major Species. Commonwealth Mycological Institute, Kew, England. 58 p.
- Bultman, T.L., Borowicz, K.L., Schneble, R.M., Coudron, T.A. and Bush, L.P. 1997. Effect of a fungal endophyte on the growth and survival of two *Euplectrus parasitoids*. Okios 78: 170-176.
- Bush, L.P., Wilkinson, H.H. and Schardl, C.L. 1997. Bioprotective alkaloids of grass-fungal endophytes symbiosis. Plant Physiology 114: 1-7.

- Bussaban, B., Lumyong, S., Lumyong, P., McKenzie, E.H.C. and Hyde, K.D. 2001. Endophytic fungi from *Amomum siamense*. *Canadian Journal of Microbiology* 47: 943-948.
- Carmichael, J.W., Kendrick, W.B., Connors, I.L. and Sigler, L. 1980. *Genera of Hyphomycetes*. The University of Alberta Press, Canada. 386 p.
- Carroll, G. 1988. Fungal endophytes in stems and leaves: from latent pathogen to mutualistic symbiont. *Ecology* 69: 2-9.
- Carroll, G.C. 1990. Fungal endophytes in vascular plants: mycological research opportunities Japan. *Transaction Mycology Society of Japan* 31: 103-116.
- Chaintreuil, C., Giraud, E., Prin, Y., Lorquin, J., Ba, A., Gillis, M., De Lajudie, P. and Dreyfus, B. 2000. Photosynthetic *Bradyrhizobium* are natural endophytes of the African wild rice (*Oryza breviligulata*). *Applied and Environmental Microbiology* 66: 5437-5447.
- Chanway, C.P. 1998. Bacterial endophytes: ecology and practical implications. *Sydowia* 50: 149-170.
- Christiansen, W.C. 1996. Endophytic establishment of *Azorhizobium caulinodans* through auxin-induced root tumors of rice (*Oryza sativa* L.). *Biology and Fertility of Soils* 21: 293-302.
- Clay, K. 1988. Fungal endophytes of grasses: a defensive mutualism between plants and fungi. *Ecology* 69: 10-16.
- Clay, K. 1989. Clavicipitaceous endophytes of grasses: their potential as biocontrol agents. *Mycological Research* 92: 1-12.
- Cook, R.J. 1985. Biological control of plant pathogens: theory of application. *Phytopathology* 75: 25-29.
- Cook, R.J. and Baker, K.F. 1983. *The Nature and Practice of Biological of Plant Pathogens*. The American Phytopathology Society, St. Paul, Minnesota. 539 p.
- Cook, R.J., Lewis, G.C. and Mizen, K.A. 1991. Effects on plant parasitic nematodes of infection of perennial ryegrass, *Lolium perenne*, by the endophytic fungus, *Acremonium lolii*. *Crop Protection* 10: 403-407.
- Danielsen, S. and Jensen, D.F. 1999. Fungal endophytes from stalks of tropical maize and grasses: isolation, identification and screening for antagonism against *Fusarium verticillioides* in maize stalks. *Biocontrol Science and Technology* 9: 545-553.

- Dennis, R.W.G. 1978. British Ascomycetes. Gantner Verlag Kommanditgesellschaft, Germany. 585 p.
- Desjardins, A.E., Manandhar, H.K., Plattner, R.D., Manandhar, G.G., Poling, S.M. and Maragos, C.M. 2000. *Fusarium* species from Nepalese rice and production of mycotoxins and gibberellic acid by selected species. Applied and Environmental Microbiology 66: 1020-1025.
- Ellis, M.B. 1971. Dematiaceous Hyphomycetes. Commonwealth Mycological Institute, Kew, England. 608 p.
- Ellis, M.B. 1976. More Dematiaceous Hyphomycetes. Commonwealth Mycological Institute, Kew, England. 507 p.
- Faeth, S.H. and Hammon, K.E. 1997 a. Fungal endophytes in oak trees: experimental analyses of interactions with leaf miners. Ecology 78: 820-827.
- Faeth, S.H. and Hammon, K.E. 1997 b. Fungal endophytes in oak trees: long-term patterns of abundance and associations with leaf miners. Ecology 78: 810-819.
- Fisher, P.J., Anson, A.E. and Petrini, O. 1986. Fungal endophytes in *Ulex europaeus* and *Ulex gallii*. Transactions of the British Mycological Society 86: 153-193.
- Fisher, P.J. and Petrini, O. 1992. Fungal saprobes and pathogens as endophytes of rice (*Oryza sativa*). New Phytologist 120: 137-143.
- Fisher, P.J. and Punithalingam, E. 1993. *Stagonospora pteridiicola* sp. nov., a new endophytic Coelomycetes in *Pteridium aquilinum*. Mycological Research 97: 867-870.
- Fravel, D.R. 1988. Role of antibiosis in the biocontrol of plant disease. Annual Review Phytopathology 26: 75-91.
- Gasoni, L. and De Gurfinkel, B.S. 1997. The endophyte *Cladorrhinum foecundissimum* in cotton roots: phosphorus uptake and host growth. Mycological Research 101: 867-870.
- Gasoni, L., Stegman, D.G.B. and Fortugo, C. 1993. Suppression of damping-off caused by *Rhizoctonia solani* through a nonpathogenic sterile septate fungus. Zeitschrift fuer Pflanzenkrankheiten und Pflanzenschutz 100: 467-473.

- Greulich, F., Horio, E., Shimanuki, T. and Yoshihara, T. 1999. Field results confirm natural plant protection by the endophytic fungus *Epichloe typhina* against the pathogenic fungus *Cladosporium phlei* on timothy leaves. Annual Phytopathology Society Japan 65: 454-459.
- Hanlin, R.T. 1998. Illustrated Genera of Ascomycetes II. The American Phytopathological Society, USA. 258 p.
- Harman, G.E., Chet, I. and Baker, R. 1981. Factor affecting *Trichoderma hamatum* applied to seeds as a biocontrol agent. Phytopathology 71: 569-572.
- Hawksworth, D.L., Kirk, P.M., Sutton, B.C. and Pegler, D.N. 1995. Dictionary of The Fungi: 8th edition, Cambridge University Press, England. 616 p.
- Li, J.Y., Sidhu, R.S., Bollon, A. and Strobel, G.A. 1998. Stimulation of taxol production in liquid cultures of *Pestalotiopsis microspora*. Mycological Research 102: 461-464.
- Lumyong, S., Lumyong, P., Boontim, N. and Hyde, K.D. 1998. Endophytic fungi from indigeous plant seedling species in Doi Suthep-Pui Project: Distribution of Endophytic Fungi Among Indigenous Plant Species in Doi Suthep-Pui Area (Year 1 Project). 21-59 pp.
- Lumyong, S., Pongsomboon, S. and Niamsub, P. 1996. Preliminary study of endophytic fungi of indiginous plants in Chiangmai. Biotechnology for Sustainable Utilization of Biological Resources in the Tropics. International Center for Biotechnology, Osaka University, Osaka, Japan. 11: 259-263.
- Lumyong, S., Thongantha, S., Lumyong, P. and Tomita, F. 1999. Endophytic fungi from 13 bamboo species in Thailand. Biotechnology for Sustainable Utilization of Biological Resources in the Tropics. International Center for Biotechnology, Osaka University, Osaka, Japan. 14: 96-101.
- Mao, W., Lewis, J.A., Hebbar, P.K. and Lumsden, R.D. 1997. Seed treatment with a fungal or a bacterial antagonist for reducing corn damping off caused by species of *Pythium* and *Fusarium*. Plant Disease 81: 450-454.
- Marshall, D., Tunali, B. and Nelson, L.R. 1999. Occurrence of fungal endophytes in species of wild *Triticum*. Crop Science 39: 1507-1512.
- Marshall, K.S. 1982. Effect of *Trichoderma hazianum* seed treatment and *Rhizoctonia solani* concentration of damping off of snap bean in acidic soils. Plant Disease 66:788-789.

- Maygan, N. and Smith, M.K. 1996. Isolation of the endophytes *Lophodermium piceae* and *Rhizosphaera kalkhoffii* from Sitka spruce needles in poor and good growth sites and in vitro effect of environmental factors. *Phyton (Horn)* 36: 103-110.
- McGee, P.A., Hincksman, M.A. and White, C.S. 1991. Inhibition of growth of fungi isolated from plants by *Acremonium strictum*. *Australian Journal of Agriculture Research* 42: 1187-1194.
- Mukhopadhyay, A.N. and Mukherjee, P.K. 1996. Fungi as fungicides. *International Journal of Tropical Plant Disease* 14: 1-17.
- Naffaa, W., Ravel, C. and Guillaumin, J.J. 1998. Nutritional requirements for growth of fungal endophytes of grasses. *Canadian Journal of Microbiology* 44: 231-237.
- Narisawa, K., Ohki, K.T. and Hashiba, T. 2000. Suppression of clubroot and Verticillium yellows in Chinese cabbage in the field by root endophytic fungus, *Heteroconium chaetospora*. *Plant Pathology Oxford* 49: 141-146.
- Nelson, P.E., Toussoun, T.A. and Marasas, W.F.O. 1983. *Fusarium* Species An Illustrated Manual for Identification. The Pennsylvania State University Press, USA. 193 p.
- Ogawa, K. 1988. Damage by "bakanae" disease and its chemical control. *Japan Pesticide Information* 52: 13-15.
- Okane, I., Nakagiri, A. and Ito, T. 2001. Assemblages of endophytic fungi on *Bruguiera gymnorhiza* in the Shiira river basin, Iriomote Is. The Institute for Fermentation, Osaka Research Communications 20: 41-49.
- Ou, S.H. 1985. Rice Disease. 2nd edition, Commonwealth Mycological Institute, Kew, England. 380 p.
- Pelaez, F. 1998. Endophytic fungi from plants living on gypsum soils as a source of secondary metabolites with antimicrobial activity. *Mycological Research* 102: 755-761.
- Petrini, O. 1991. Fungal endophytes of tree leaves. In *Microbial Ecology of Leaves* (eds. J. H. Andrews and S. S. Hirano) Springer Verlag, USA. 179-197 pp.
- Petrini, O. and Fisher, P.J. 1988. A comparative study of fungal endophytes in xylem and whole stem of *Pinus sylvestris* and *Fagus sylvatica*. *Transaction of the British Mycological Society* 91: 233-238.

- Petrini, O. and Fisher, P.J. 1990. Occurrence of fungal endophytes in twigs of *Salix fragilis* and *Quercus robur*. *Mycological Research* 94: 1077-1080.
- Petrini, O., Petrini, L.E. and Rodrigues, K.F. 1995. Xylariaceous endophytes: an exercise in biodiversity. *Phytopathology* 20: 513-539.
- Rice, J.S., Pinkerton, B.W., Stringer, W.C. and Undersander, D.J. 1990. Seed production in tall fescue as affected by fungal endophyte. *Crop Science* 30: 1303-1305.
- Rodrigues, K.F. 1994. The foliar fungal endophytes of the Amazonian palm *Euterpe oleracea*. *Mycologia* 86: 376-385.
- Roger, J.D. 1979. The Xylariaceae: systematic, biological and evolutionary aspects. *Mycologia* 61: 1-42.
- Romero, A. Carrion, G. and Rico-Gray, V. 2001. Fungal latent pathogens and endophytes from leaves of *Parthenium hysterophorus* (Asteraceae). *Fungal Diversity* 7:81-87.
- Rosales, A.M. and Mew, T.W. 1997. Suppression of *Fusarium moniliforme* in rice by rice associated antagonistic bacteria. *Plant Disease* 81: 49-52.
- Schardl, C.L. and Tsai, H.F. 1992. Molecular biology and evolution of the grass endophytes. *Natural Toxins* 1: 171-184.
- Schulz, B., Rommert, A., Dammann, U., Aust, H. and Strack, D. 1999. The endophyte-host interaction: a balanced antagonism?. *Mycological Research* 103: 1275-1283.
- Sieber, T.N. 1989. Endophytic fungi in twigs of healthy and diseased Norway spruce and white fir. *Mycological Research* 92: 322-326.
- Sieber, T.N., Sieber-Canavesi, F. and Dorworth, C.E. 1991. Endophytic fungi of red alder (*Alnus rubra*) leaves and twigs in Britain Columbia. *Canadian Journal of Botany* 69: 407-411.
- Sinclair, J.B. 1991. Latent infection of soybean plants and seed by fungi. *Plant Disease* 75:220-224.
- Spurr, J.H.W. and Welty, G.W. 1975. Characterization of endophytic fungi in healthy leaves of *Nicotiana* spp. *Phytopathology* 65: 417-422.
- Surajit, K.D.D. 1981. Principles and practices of rice production. John Wiley & Sons, New York, USA. 618 p.
- Suslow, T.U. 1982. Role of root-colonizing bacteria in plant growth. *Phytopathogenic Prokaryotes* 1: 187-223.

- Sutton, B.C. 1980. The Coelomycetes: Fungi imperfecti with pycnidia acervuli and stromata. Commonwealth Mycological Institute, Kew, England. 696 p.
- Taylor, J.E., Hyde, K.D. and Jones, E.B.G. 1999. Endophytic fungi associated with the temperate palm, *Trachycarpus fortunei*, within and outside its natural geographic range. New Phytologist 142: 335-346.
- Trevathan, L.E. 1996. Performance of endophyte-free and endophyte-infected tall fescue seedling in soil infested with *Cochliobolus sativus*. Canadian Journal of Plant Pathology 18: 415-418.
- Venkatasubbaiah, P., Sutton, T.B. and Chilton, W.S. 1995. The structure and biological properties of secondary metabolites produced by *Peltaster fructicola*, a fungus associated with apple sooty blotch disease. Plant Disease 79: 1157-1160.
- Yang, X., Strobel, G., Stierle, A., Hess, W.M., Lee, J. and Clardy, J. 1994. A fungal endophyte-tree relationship: *Phoma* sp. in *Taxus wallachiana*. Plant Science 102: 1-9.
- Yanni, Y.G., Rizk, R.Y., Corich, V., Squartini, A., Ninke, K., Philip, H.S., Orgambide, G., De, D.F., Stoltzfus, J., Buckley, D., Schmidt, T.M., Mateos, P.E., Ladha, J.K. and Dazzo, F.B. 1997. Natural endophytic association between *Rhizobium leguminosarum* pv. *trifolii* and rice roots and assessment of its potential to promote rice growth. Plant and Soil 194: 99-114.