

## **CHAPTER 9.0 REFERENCES**

- ABBOT, W.F. (1925). A method of computing the effectiveness of an insecticide. *J. Econ. Entomol.* **18** : 265 - 267.
- ABDEL-KADER, M.I.A., MOUBASHER, A.H. AND ABDEL-HAFEZ, S.I.I. (1979). Survey of the mycoflora of barley grains in Egypt. *Mycopath.* **69** : 143 - 147.
- ACKER, L. (1963). Enzyme activity at low water contents. In : **Recent Advances in Food Science**. Leiten, J.M. and Rhodes, D.N. (eds.). Butterworth, London.
- AINSWORTH, G.L. (1976). In : **Introduction to the history of mycology**. Cambridge University Press, Cambridge, England. pp 727 - 730.
- ALPERT, M.E., HUTT, M.S.R., WOGAN, G.N. AND DAVIDSON, C.S. (1971). Association between aflatoxin content of food and hepatoma frequency in Uganda. *Cancer* **28** : 253 - 260.
- AMLA, I. (1971). Cirrhosis in children from peanut meal contaminated by aflatoxin. *Am. J. Clin. Nutr.* **24** : 609 -614.
- ANDERSON, J.E. (1937). Equilibrium relative humidities for hard wheat and mill stocks. *Northwestern Miller* **192** : 20.
- ANDERSEN, B., SOLFRIZZO, M. AND VISCONTI, A. (1995). Metabolite profiles of common *Stemphylium* species. *Myco. Res.* **99** : 672 - 676.
- ANDREWS, S. (1992). Specifications for fungi in Australian foods. In : **Developments in Food Science V 31. Modern Methods in Food Mycology**. Samson, R.A., Hocking, A.D., Pitt, J.I. and King A.D. (eds.). Elsevier, Amsterdam. pp 97 - 110.
- ANKER, C. A., GEDDES, W.F. AND BAILEY, C.H. (1942). A study of the net weight changes and moisture content of wheatflour at various relative humidities. *Cereal Chem.* **19** : 128.
- ANON. (1981). Malaysian Agricultural Research and Development Institute (MARDI) Annual Report 1981. Food Technology Division, MARDI, Serdang. Malaysia.
- ANON. (1982). MARDI Annual Report 1982. Food Technology Division, MARDI, Serdang. Malaysia.
- ANON. (1984). MARDI Annual Report 1984. Food Technology Division, MARDI, Serdang. Malaysia.
- ANON. (1985). MARDI Annual Report 1985. Food Technology Division, MARDI, Serdang. Malaysia.

- ANON. (1986). MARDI Annual Report 1986. Food Technology Division, MARDI, Serdang. Malaysia.
- ANON. (1987). MARDI Annual Report 1987. Food Technology Division, MARDI, Serdang. Malaysia.
- ARMOLIK, N. AND DICKSON, J.G. (1956). Minimum humidity requirement for germination of conidia of fungi associated with storage of grain. *Phytopath.* **46** : 462 - 465.
- ASHWORTH, L.J., SCHROEDER, H.W. AND Langley, B.C. (1965). Aflatoxins : environmental factors governing occurrence in Spanish peanuts. *Science* **148** : 1228 - 1229.
- AUSTWICK, P.K.C. (1984). Human mycotoxicoses - past, present and future. *Chem. and Ind.* **1984** : 547 - 551.
- AUSTWICK, P.K.C. AND AYERST, G. (1963). Toxic products in groundnuts : groundnut microflora and toxicity. *Chem. and Ind.* **2** : 55.
- AYERST, G. (1969). The effects of moisture and temperature on growth and spore germination in some fungi. *J. Stored Prod. Res.* **5** : 127 - 141.
- BACON, C.W., SWEENEY, J.G., ROBBINS, J.D. AND BURDICK, P. (1973). Production of penicillic acid and oclavatxin A on poultry feed by *Aspergillus ochraceus* : Temperature and moisture requirements. *Appl. Microbiol.* **26** : 155 - 160.
- BAILEY, C.H. (1929). The hygroscopic moisture of flour exposed to atmosphere of different relative humidities. *Ind. Engng. Chem.* **12** : 1102.
- BARRON, G.L. AND LICHTWARDT, R.W. (1959). Quantitative estimations of the fungi associated with deterioration of stored corn in Iowa. *Iowa St. J. Sci.* **34** : 147 - 155.
- BARTON-WRIGHT, E.C. AND TOMKINS, R.G. (1940). The moisture content and growth of mould in flour, bran and middlings. *Cereal Chem.* **17** : 332.
- BECROFT, D.M.O. AND WEBSTER, D.R. (1972). Aflatoxin and Reye's disease. *Brit. Med. J.* **4** : 117.
- BETINA, V. (1989). In : **Mycotoxin - Chemical, Biological and Environmental Aspects**. Elsevier, Amsterdam. 437 pp.
- BHAT, R.V., RAMAKRISHNA, Y. AND SASHIDHAR, R.B. (1989). Outbreak of mycotoxicosis in Kashmir Valley. *Nutrition News, India* **10** : 1 - 3.

- BOLLER, R.A. AND SCHROEDER, H.W. (1973). Influence of *Aspergillus chevalieri* on production of aflatoxin in rice by *Aspergillus parasiticus*. *Phytopath.* **63** : 1507 - 1510.
- BOLLER, R.A. AND SCHROEDER, H.W. (1974). Influence of relative humidity on production of aflatoxin in rice by *Aspergillus parasiticus*. *Phytopath.* **64** : 17 - 21.
- BOURGEOIS, C.H., SHANK, R.C., GROSSMAN, R.A., JOHNSEN, D.O., WOODING, W.L. AND CHANDAVIMOL, P. (1971). Aflatoxin B<sub>1</sub> toxicity in the Macaque and its similarities to Reye's syndrome. *Lab. Invest.* **24** : 206.
- BRIDGE, P.D., HAWKSWORTH, D.L., KOZAKIEWICZ, Z., ONIONS, A.H.S. AND PATERSON, R.R.M. (1986). Morphological and biochemical variation in single isolates of *Penicillium*. *Trans. Br. Mycol. Soc.* **87** : 389 - 396.
- BROWN, R.F., WILDMAN, J.D. AND EPPLEY, R.M. (1968). Temperature-dose relationships with aflatoxin on the Brine shrimp, *Artemia salina*. *J. Assoc. Off. Anal. Chem.* **51** : 905 - 906.
- BRYDEN, W.L., RAJION, M.A., LLOYD, A.B. AND CUMMING, R.B. (1975). Survey of Australian feedstuffs for toxigenic strains of *Aspergillus flavus* and for aflatoxin. *Aust. Vet. J.* **51** : 491-493.
- BUJARI AND ERSHAD. *Iranian J. Pl. Path.* **29** : 13 - 17. Cited from Kozakiewicz, Z. (1995). IMI descriptions of fungi and bacteria Set 126. No. 1251 - 1260. *Mycopath.* **132** : 59 - 60
- BULLERMAN, L.B. (1986). Mycotoxins and food safety. A scientific status summary by the Institute of Food Technologists expert panel on food safety and nutrition. *Food Technol.* **40** : 59 - 66.
- BURNETT, J.H. AND TRINCI, A.P.J.(eds.). (1979). In : **Fungal walls and hyphal growth**. Cambridge University Press. England. 418 pp.
- BURNSIDE, J.E., SIPPET, W.L., FORGACS, J., CARLL, W.T., ATWOOD, M.B., AND DOLL, E.R. (1957). A disease of swine and cattle caused by eating mouldy corn II. Experimental production with pure cultures of molds. *Amer. J. Vet. Res. Bull.* **28 No. 1730** : 1958.
- BUSHUK, W. AND WINKLER, C.A. (1957). Sorption of water vapour on wheatflour, starch and gluten. *Cereal Chem.* **34** : 73.
- BUU-HOI, N.P. AND CHANH, P-H (1970). Effect of various types of carcinogens on the hatching of *Artemia salina* eggs. *J. Nat. Cancer Inst.* **44** : 795 - 799.

- CHANH, P-H AND MAMY, G. (1963). A simple biological reagent for toxicity tests : the eggs of *Artemia salina*. **Rev. Agrochim.** **4** : 599 - 603.
- CHAO, T.C., LO, D., BLOODWORTH, B.C., GUNASEGARAN, R., KOH, T.H. AND NG, H.S. (1994). Aflatoxin exposure in Singapore : blood levels in normal subjects, hepatitis B virus carriers and primary hepatocellular carcinoma patients. **Med. Sci. and Law** **34** : 289 - 298.
- CHRISTIAN, J.H.B. (1980). Reduced water activity. In : **Microbial ecology of foods**, Vol 1. Siliker, J.H., Elliot, R.P., Baird-Parker, A.C., Bryan, F.L., Christian, J.H.B., Clark, D.S., Olson, J.C. and Roberts, T.A. (eds.). Academic Press, New York. pp 70 - 90.
- 
- CHRISTENSEN, C.M. (1965). Fungi in cereal grains and their products. In : **Mycotoxins in foodstuffs**. Wogan, G.N. (ed.). M.I.T. Press, Cambridge, Mass., pp 9 - 14.
- CHRISTENSEN, C.M. (1969). Influence of moisture content, temperature and time of storage upon invasion of rough rice by storage fungi. **Phytopath.** **59** : 145 - 148.
- CHRISTENSEN, C.M. (1970). Moisture content, moisture transfer and invasion of sorghum seeds by fungi. **Phytopath.** **60** : 280 - 283.
- CHRISTENSEN, C.M. (1973). Loss of viability in storage : microflora. **Seed Sci. Technol.** **1** : 547 - 562.
- CHRISTENSEN, C.M. (1978). Storage fungi. In : **Food and Beverage Mycology**. Beuchat, L.R. (ed.). The AVI Publ. Co. Inc. Westport. pp 173 - 190.
- CHRISTENSEN, C.M. AND KAUFMAN, H.H. (1965). Deterioration of stored grains by fungi. **Ann. Rev. Phytopath.** **3** : 69 - 84.
- CHRISTENSEN, C.M. AND KAUFMANN, H.H. (1974). Microflora. In : **Storage of cereal grains and their products**. Christensen, C.M. (ed.). American Association of Cereal Chemists, St. Paul. pp 158 - 291.
- CHRISTENSEN, C.M. AND LOPEZ, L.C. (1965). Relation of moisture content and length of storage to changes in the microflora and germination percentage of rough rice. **Phytopath.** **55** : 953 - 956.

- CLARKE, J.H., HILL, S.T., NILES, E.V., WILLIAMS, R.O. AND HOWARD, M.A.R. (1968). Ecology of the microflora of moist barley. **Pest Infestation Res.**, **1967** : 15 - 16.
- COKER, R.D. (1995). Controlling mycotoxins in oilseeds and oilseed cakes. **Chem. and Ind.** **1995** : 260 - 264.
- COLE, R.J. (1984). Screening for mycotoxins and toxin-producing fungi. In : **Mycotoxins - Production, Isolation, Separation and Purification**. Betina, V. (ed.). Elsevier, Amsterdam. pp 45 - 58.
- COLE, R.J. AND COX, R.H. (1981). In : **Handbook of Toxic Fungal Metabolites**. Academic Press, New York . 937 pp.
- CONCON, J.M. (1988). In : **Food Toxicology (Part B). Contaminants and Additives**. Marcel Dekker, Inc. New York. pp 677 - 770.
- COOKE, R.C. AND RAYNER, A.D.M.. (1984). In : **Ecology of saprotrophic fungi**. Longman, New York.
- DAVIS, N.D. AND DIENER, U.L. (1968). Growth and aflatoxin production by *Aspergillus parasiticus* from various carbon sources. **Appl. Microbiol.** **16** : 158.
- DAVIES, N.D. AND DIENER, U.L. (1983). Some characteristics of toxigenic and non toxigenic isolates of *Aspergillus flavus* and *Aspergillus parasiticus*. In : **Aflatoxin and Aspergillus flavus in corn**. Diener, V.L., Asquith, R.L. and Dickens, J.W. (eds.). Southern Coop Series Bull., 279, Craftmaster, Opelika Ala. 112 pp.
- DAVIES, N.D., DIENER, U.L. AND AGNIHOTRI, V.P. (1967). Production of aflatoxins B<sub>1</sub> and G<sub>1</sub> in chemically defined medium. **Mycopath. Mycol. Appl.** **31** : 251.
- DAVIS, N.D., DIENER, U.L. AND ELDRIDGE, D.W. (1966). Production of aflatoxin B<sub>1</sub> and aflatoxin G<sub>1</sub> by *Aspergillus flavus* in a semi synthetic medium. **Appl. Microbiol.** **14** : 378.
- DELCAMBE, L. (1955). Activites biologiques des Actinomycines de Streptomyces S-67. **Arch. Int. Pharmacodyn. Ther.** **101** : 358 - 366. Cited from Harwig, J. and Scott, P.M. (1971). Brine shrimp (*Artemia salina L.*) larvae as a screening system for fungal toxins. **Appl. Microbiol.** **21** : 1011 - 1016.
- DHIAUDDIN, M.N.J. AND IBNI HAJJAR, R. (1983). Kaedah pengeringan padi. **MARDI Teknologi Makanan.** **Jil. 2** : 32 - 38.

- DIENER, U.L. AND DAVIS, N.D. (1967). Limiting temperature and relative humidity for growth and production of aflatoxin and free fatty acids by *Aspergillus flavus* in sterile peanuts. *J. Am. Oil Chem. Soc.* **44** : 259 - 263.
- DOYLE, M.P. AND MARTH, E.H. (1978). Aflatoxin is degraded by fragmented and intact mycelia of *Aspergillus parasiticus* grown 5 to 18 days with and without agitation. *J. Food Prot.* **41** : 549 - 555.
- DUCKWORTH, R.B. (ed.) (1975) In : **Water relations of foods. Food Science and Technology**. Academic Press, London. 716 pp.
- ELDRIDGE, D.W. (1964). In : **Nutritional factors influencing the synthesis of aflatoxin B<sub>1</sub> by Aspergillus flavus**. M. Sc. thesis, Auburn University, Alabama. Cited from : Jarvis, B. (1971). Factors affecting the production of mycotoxins. *J. Appl. Bact.* **34** : 199 - 213.
- EPPELY, R.M. (1974). Sensitivity of brine shrimp (*Artemia salina*) to trichothecens. *J. Assoc. Off. Anal. Chem.* **56** : 824 - 829.
- FAIRBROTHER, T.H. (1929). The influence of environment on the moisture content of flour and wheat. *Cereal Chem.* **6** : 379.
- FANSE, H.A. AND CHRISTENSEN, C.M. (1966). Invasion by fungi of rice stored at moisture contents of 13.5 to 15.5%. *Phytopath.* **56** : 1162 - 1164.
- FERREIRA, N.P. (1966). Recent advances in research on ochratoxin 2. Microbiological aspects. In : **Biochemistry of some foodborne microbial toxins**. Mateles, R.I. and Wogan, G.N. (eds.). Massachusetts Institute of Technology Press. Cambridge, Mass. pp 157 - 168.
- FINNEY, D.J. (1971). In : **Probit Analysis**. 3rd. edition. Cambridge University Press. 318 pp.
- FLANNIGAN, B. (1969). Microflora of dried barley grain. *Trans. Brit. Mycol. Soc.* **53** : 371 - 379.
- FLANNIGAN, B. (1970). Comparison of seed-borne mycofloras of barley, oats and wheat. *Trans. Brit. Mycol. Soc.* **55** : 267 - 276.
- FLANNIGAN, B. (1974). Distribution of seed-borne micro-organisms in naked barley and wheat before harvest. *Trans. Brit. Mycol. Soc.* **62** : 51 - 58.
- FLANNIGAN, B. (1977). Enumeration of fungi and assay for ability to degrade structural and storage components of grain. In : **Biodeterioration investigation techniques**. Walters, H. (ed.). Applied Science Publishers, London. pp 185 - 199.

- FLANNIGAN, B. (1978). Primary contamination of barley and wheat grain by storage fungi. *Trans. Brit. Mycol. Soc.* **71** : 37 - 42.
- FLANNIGAN, B., DAY, S.W., DOUGLAS, P.E. AND MCFARLANE, G.B. (1984). Growth of mycotoxin-producing fungi associated with malting of barley. In : **Toxigenic Fungi- their Toxins and Health Hazard**. Kurata, H. and Ueno, Y. (eds.) Elsevier, Amsterdam. pp 52 - 60.
- FRISVAD, J.C. (1986). Taxonomic approaches to mycotoxin identification. In : **Modern methods in the analysis and structural elucidation of mycotoxins**. Cole, R.J. (ed.). Academic Press, Orlando. 471 pp.
- FRISVAD, J.C. (1987). High-Performance Liquid Chromatographic determination of profiles of mycotoxins and other secondary metabolites. *J. Chromatogr.* **392** : 333 - 347.
- FRISVAD, J.C. (1989). The connection between the Penicillia and Aspergilli and mycotoxins with special emphasis on misidentified isolates. *Arch. Environ. Contam. Toxicol.*, **18** : 452 - 467.
- FRISVAD, J.C. AND FILTENBORG, O. (1988). Specific mycotoxin producing *Penicillium* and *Aspergillus* mycoflora of different foods. *Proc. Jpn. Assoc. Mycotoxicol. Suppl. I* : 163 - 166.
- FRISVAD, J.C. AND SAMSON, R.A. (1991). Mycotoxins produced by species of *Penicillium* and *Aspergillus* occurring in cereals. In : **Developments in Food Science. Vol. 26. Cereal Grain. Mycotoxins, fungi and quality in drying and storage**. Chelkowski, J. (ed.). Elsevier, Amsterdam. pp 441 - 477.
- FRISVAD, J.C. AND THRANE, U. (1987). Standardized high-performance liquid chromatography of 182 mycotoxins and other fungal metabolite based on alkylphenone retention indices and UV-VIS spectra (diode array detection). *J. Chromatogr.* **404** : 195 - 214.
- FULLER, J.G. (1968). In : **The day of St. Anthony's fire**. Cited from Pitt, J.I. (1985). Mycotoxins in food products. *Culture* **6** : 4 - 8.
- GEDEK, B.R. (1994). Mycotoxins as health risks for man. *Mycoses* **37** (Supp. 1) : 43 - 49.
- GOTO, T. (1990). Mycotoxins : Current situation. *Food Rev. Internat.* **6** : 265 - 290.
- GOTTLIEB, D. (1978). In : **The germination of fungus spores**. Meadowfield Press Ltd., Durham U.K.

- GOUGH, M.C. AND BATEMAN, G.A. (1977). Moisture humidity equilibria of tropical stored produce. Part I. Cereals. **Tropical Stored Products Information** **33** : 25 - 30.
- GOUGH, M.C. AND KING, P.E. (1980). Moisture content or relative humidity equilibria of some tropical cereal grains. **Tropical Stored Products Information** **39** : 13 - 17.
- GRAVES, R.R. AND HESSELTINE, C.W. (1966). Fungi in flour and refrigerated dough products. **Mycopath. Mycol. Appl.** **29** : 277 - 290.
- GROSH, D.S. (1967). Poisoning with DDT : Effect on reproductive performance of *Artemia*. **Science** **155** : 592 - 593.
- HALT, M. (1994). *Aspergillus flavus* and aflatoxin B<sub>1</sub> in flour products. **European J. Epidemiol.** **10** : 555 - 558.
- HALVER, J.E. (1969). In : **Aflatoxins**. Goldblatt, L.A. (ed.). Academic Press, New York. 265 pp.
- HARWIG, J. AND SCOTT, P.M. (1971). Brine shrimp (*Artemia salina L.*) larvae as a screening system for fungal toxins. **Appl. Microbiol.** **21** : 1011 - 1016.
- HAYES, H.W. AND WILSON, B.J. (1968). Bioproduction and purification of rubratoxin B. **Appl. Microbiol.** **16** : 1163.
- HESSELTINE, C.W. (1967). Microbiological research on mycotoxins at the Northern Utilization Research and Development Division. In : **Proc. 1967 Mycotoxin Research Seminar**. Washington : U.S. Dept of Agriculture.
- HESSELTINE, C.W., ROGERS, R.F. AND SHOTWELL, O.L. (1981). Aflatoxin and mold flora in North Carolina in 1977 corn crop. **Mycologia** **73** : 216 - 228.
- HESSELTINE, C.W., SHOTWELL, O.L., ELLIS, I.J. AND STUBBLEFIELD R.D. (1966). Aflatoxin formation by *Aspergillus flavus*. **Bacteriol. Rev.** **30** : 795 - 805.
- HEW VOON FONG AND HUTAGALUNG, R.I. (1977). Aflatoxicosis in swine feeding. **MARDI Res. Bull.** **5** : 122 - 128.
- HILL, D.W., KELLEY, T.R., LANGNER, K.J. AND MILLER, K.W. (1984). Determination of mycotoxins by gradient high-performance liquid chromatography using an alkylphenone retention index system. **Anal. Chem.** **56** : 2576 - 2579.

- HILL, R.A. AND LACEY, J. (1983). Factors determining the microflora of stored barley grain. *Ann. Appl. Biol.* **102** : 467 - 483.
- HILL, R.A. AND LACEY, J.. (1984). *Penicillium* species associated with barley grain in the U.K. *Trans. Brit. Mycol. Soc.* **82** : 297 - 303.
- HILL, R.A., WILSON, D.M., MCMILLAN, W.W., COLE, R.J., SANDERS, T.H. AND BLANKENSHIP, P.D. (1985). Ecology of the *Aspergillus flavus* group and aflatoxin production in maize and groundnut. In : **Trichothecenes and other mycotoxins.** Lacey, J. (ed.). John Wiley, Chichester. pp 79 - 95.
- HOCKING, A.D. (1982). Aflatoxigenic fungi and their detection. *Food Technol. Aust.* **34** : 236 - 238.
- HOCKING, A.D. (1991). Effects of fumigation and modified atmosphere storage on growth of fungi and production of mycotoxins. In : **Fungi and Mycotoxins in Stored Products. ACIAR Proceedings No. 36.** Champ, B.R., Highley, E., Hocking, A.D. and Pitt, J.I. (eds.). pp 145 - 156.
- HOCKING, A.D AND PITI, J.I. (1979). Water relations of some *Penicillium* species at 25 °C. *Trans. Brit. Mycol. Soc.* **73** : 141 - 145.
- HSIEH, D.P.H., FITZELL, D.L., MILLER, R.J.L. AND SEIBER, J.N. (1976). High-pressure liquid chromatography of oxidative aflatoxin metabolites. *J. Chromatogr.* **117** : 474 - 479.
- HUNT, W.H. AND PIXTON, S.W. (1974). Moisture. In : **Storage of cereal grain and their products.** American Association of Cereal Chemists. pp 2 - 14.
- 'IARC monographs on the evaluation of carcinogenic risks to humans' (1993), Lyon : International Agency for Research on Cancer, Monograph **56** : 245 - 395.
- ICMSF. (1986). In : **Microorganisms in Foods. 2. Sampling for Microbiological Analyses. Principles and Specific Applications.** 2nd. edn. Blackwell Scientific, Oxford. 213 pp.
- JARVIS, B. (1971). Factors affecting the production of mycotoxins. *J. Appl. Bact.* **34** : 199 - 213.
- JARVIS, B., MIDIWO, J.O., TUTHILL, D. AND BEAN, G.A. (1981). Interaction between the antibiotic trichothecenes and the higher plant *Baccharis megapotamica*. *Science* **214** : 460 - 462.

- JARVIS, B., SEILER, D.A.L., OULD, J.L. AND WILLIAMS, A.P. (1983). Observations on the enumeration of moulds in food and feedingstuffs. *J. Appl. Bact.* **55** : 325 - 336.
- JAYARAMAN, P. AND INDIRA KALYANASUNDARAM. (1994). Changes in moisture content, mycoflora and aflatoxin content of rice bran during storage. *Mycopath.* **126** : 115 - 120.
- JEMMALI, M., POISSON, J. AND GUILBOT, A. (1969). Production d'aflatoxines dans les produits céréaliers : influence de différentes conditions. *Ann. Nutr. Aliment.* **23** : 159 - 166.
- JIMENEZ, M., MATEO, R., QUEROL, A., HUERTA, T. AND HERNANDEZ, E. (1991). Effect of the incubation conditions on the production of patulin by *Penicillium griseofulvum* isolated from wheat. *Mycopath.* **115** : 163 - 168.
- JOFFE, A.Z. (1965). In : **Mycotoxins in Foodstuffs**. Wogan, G.M. (ed.) MIT Press, Cambridge, MA 77 pp.
- JOFFE, A.Z. (1969). The mycoflora of groundnut rhizosphere soil and geocarposphere on light, medium and heavy soils and its relations to *Aspergillus flavus*. *Mycopathol. Mycol. Appl.* **37** : 150 - 160.
- KARON, M.L. AND ADAMS, M.E. (1949). Hygroscopic equilibrium of rice and rice grains. *Cereal Chem.* **26** : 1 - 12.
- KARUNARATNE, A. AND BULLERMAN, L.B. (1990). Interactive effects of spore load and temperature on aflatoxin production. *J. Food Prot.* **53** : 227 - 229.
- KEEN, P. AND MARTIN, P. (1971). Is aflatoxin carcinogenic in man? The evidence in Swaziland. *Trop. Geogr. Med.* **23** : 44 - 53.
- KING, A.D., HOCKING, A.D. AND PITT, J.I. (1979). Dichloran-rose bengal medium for enumeration and isolation of molds from foods. *Appl. Environ. Microbiol.* **37** : 959 - 964.
- KING, A.D., HOCKING, A.D. AND PITT, J.I. (1981). The mycoflora of some Australian food. *Food Technol. Aust.* **33** : 55 - 60.
- KOZAKIEWICZ, Z. (1990). CMI descriptions of pathogenic fungi and bacteria No. 992, 993, 995 and 996. *Mycopath.* **109**. 183 - 202.

- KOZAKIEWICZ, Z. (1992). IMI descriptions of fungi and bacteria No. 1101, 1104, 1106, 1107 and 1108. **Mycopath.** **117** : 165 - 184.
- KOZAKIEWICZ, Z. (1995). IMI descriptions of fungi and bacteria Set 126. No. 1251 - 1260. **Mycopath.** **132** : 43 - 60.
- KURATA, H. AND ICHINOE, M. (1967). Studies on the population of toxigenic fungi in foodstuffs. I. Fungal flora of flour-type foodstuffs. **J. Fd. Hyg. Soc. Jap.** **8** : 237.
- KURBATSKAYA, Z.A. AND TROSTANETSII, A.A. (1987). Effect of temperature and humidity on the growth of *A. fumigatus* and formation of gliotoxin. **Mikrobiologicheskii - Zhurnal** **49** : 62 - 65.
- KURTZMAN *et al.* (1987). **Mycologia** **78** : 955 - 959. Cited from PITT, J.I. (1992). Aflatoxigenic fungi. **Mycotoxin Newsletter** **3** : 1.
- KUTHUBUTHEEN, A.J. (1979). Thermophilic fungi associated with freshly harvested rice seeds. **Trans. Br. Mycol. Soc.** **73** : 357 - 359.
- LABUZA, T.P. (1968). Sorption phenomena in food. **Food Technol.** **22** : 263 - 272.
- LABUZA, T.P. (1975). Interpretation of sorption data in relation to the state of constituent water. In : **Water Relations of Food**. Duckworth, R.B. (ed.). Academic Press, New York. pp 155 - 172.
- LACEY, J. (1986). Microorganisms in cereals and other stored products. In : **Spoilage and mycotoxins of cereals and other stored products**. Flannigan, B. (ed.). Proceedings of the Biodeterioration Society held at the University of Surrey. 20 - 21 March 1986. CAB International. pp 29 - 34.
- LACEY, J., HILL, S.T. AND EDWARDS, M.A. (1980). Micro-organisms in stored grains : Their enumeration and significance. **Tropical Stored Products Information** **39** : 19 - 33.
- LACEY, J. AND MAGAN, N. (1991). Fungi in cereal grains : Their occurrence and water and temperature relationships. In : **Cereal Grain. Mycotoxins, fungi and quality in drying and storage**. Chelkowski, J. (ed.). Elsevier, Amsterdam. pp 77 - 117.
- LANSDEN, J.A. (1984). Liquid chromatographic analysis system for cyclopiazonic acid in peanuts. **J. Assoc. Off. Anal. Chem.** **67** : 728 - 734.
- LEIRAS, M.C. AND IGLESIAS, H.A. (1991). Water vapour sorption isotherms of two cake mixes and their components. **Internat. J. Food Sci. Technol.** **26** : 91 - 97.

- LILLEHOJ, E.B. (1983). Effect of environmental and cultural factors on aflatoxin contamination of developing corn kernels. In : **Aflatoxin and Aspergillus flavus in corn.** Diener, V.L., Asquith, R.L. and Dickens, J.W. (eds.). Southern Coop. Serv. Bull. 279, Craftmaster, Opelika Ala. 112 pp.
- LILLEHOJ, E.B. AND GORANSSON, B. (1980). Occurrence of ochratoxin- and citrinin-producing fungi on developing Danish barley grain. **Acta Path. Microbiol. Scan. B** **88** : 133 - 137.
- LIM (1964). Cited from Mat Isa, A. and Tee, E.S. (1984). The status of aflatoxin research in Malaysia. In : **Country report presented at the first Technical Consultation of ASEAN Mycotoxin Experts.** 3 - 8 Dec. 1984. Kuala Lumpur.
- LIM AND YEAP (1966). Cited from Mat Isa, A. and Tee, E.S. (1984). The status of aflatoxin research in Malaysia. In : **Country report presented at the first Technical Consultation of ASEAN Mycotoxin Experts.** 3 - 8 Dec. 1984. Kuala Lumpur.
- LING, K-H. (1967). Intoxication possibly caused by aflatoxin B<sub>1</sub> in the mouldy rice in Shuang-Chih township. **J. Formosan Med. Assoc.** **66** : 517 - 525.
- LOPEZ, L.C. AND CHRISTENSEN, C.M. (1967). Effect of moisture content and temperature on invasion of stored corn by *Aspergillus flavus*. **Phytopath.** **57** : 588 - 590.
- LYE, M.S., GHAZALI, A.A., MOHAN, J., ALWIN, N. AND NAIR, R.C. (1995). An outbreak of acute hepatic encephalopathy due to severe aflatoxicosis in Malaysia. **Am. J. Trop. Med. Hyg.** **53** : 68 - 72.
- MAGAN, N. AND LACEY, J. (1984a). The effect of temperature and pH on the water relations of field and storage fungi. **Trans. Brit. Mycol. Soc.** **82** : 71 - 81.
- MAGAN, N. AND LACEY, J. (1984b). Effect of water activity, temperature and substrate on interactions between field and storage fungi. **Trans. Brit. Mycol. Soc.** **82** : 83 - 93.
- MAGAN, N. AND LACEY, J. (1984c). Effects of gas composition and water activity on growth of field and storage fungi and their interactions. **Trans. Brit. Mycol. Soc.** **82** : 305 - 314.
- MANABE, M. AND TSURUTA, O. (1991). Mycoflora and mycotoxins in stored rice grain. In : **Developments in Food Science. Vol. 26. Cereal Grain. Mycotoxins, fungi and quality in drying and storage.** Chelkowski, J. (ed.). Elsevier. Amsterdam. pp 149 - 183.

- MARASAS, W.F.O., VAN RENSBURG, S.J., AND MIROCHA, C.J. (1979). Incidence of *Fusarium* species and the mycotoxins, deoxynivalenol and zearalenone in corn produced in esophageal cancer areas in Transkei. *J. Agric. Food Chem.* 27 : 1108 - 1112.
- MARTIN, P., GILMAN, G.A. AND KEEN, P. (1971). The incidence of fungi in foodstuffs and their significance, based on a survey in the Eastern Transvaal and Swaziland. In : **Symposium of Mycotoxins in Human Health.** Purchase, I.F.H. (ed.). Macmillan, London. pp 281 - 290.
- MAT ISA, A. AND NAZRIFAH (1986). Cited from Mat Isa, A. AND Tee, E.S. (1984). The status of aflatoxin research in Malaysia. In : **Country report presented at the first Technical Consultation of ASEAN Mycotoxin Experts.** 3 - 8 Dec 1984. Kuala Lumpur.
- MAT ISA, A. AND TEE, E.S. (1984). The status of aflatoxin research in Malaysia. In : **Country report presented at the first Technical Consultation of ASEAN Mycotoxin Experts.** 3 - 8 Dec 1984. Kuala Lumpur.
- MATELES, R.I. AND ADYE, J.C. (1965). Production of aflatoxin in submerged culture. *Appl. Microbiol.* 13 : 208 - 211.
- MCDONALD, D. (1968). The effect of wetting dried groundnuts on fungal infection of kernels. *Samaru Agric. Newsletter* 10 : 4 - 7. RMVM, 6 : 2455, p 495, 1969.
- MICHAEL, A.S., THOMPSON, C.G. AND ABRAMOVITZ, M. (1956). *Artemia salina* as a test organism for bioassay. *Science* 123 : 464.
- MILLER, G.L. (1959). Use of dinitrosalicylic reagent for determination of reducing sugar. *Anal. Chem.* 31 : 426 - 428.
- MILLER, J.D. (1991). Significance of grain mycotoxins for health and nutrition. In : **Fungi and mycotoxins in stored products.** Champ, B.R. Highley, E., Hocking, A.D. and Pitt, J.I. (eds.) ACIAR Proceedings, 1991, No. 36 : pp 126 - 135.
- MILLS, J.T. (1990). Mycotoxins and toxigenic fungi on cereal grains in Western Canada. *Can. J. Physiol. Pharmacol.* 68 : 982 - 986.
- MILLS, J.T., SEIFERT, K.A., FRISVAD, J.C. AND ABRAMSON, D. (1995). Nephrotoxicogenic *Penicillium* species occurring on farm-stored cereal grains in Western Canada. *Mycopath.* 130 : 23 - 28.
- MISLIVEC, P.B. (1977). Toxigenic fungi in foods. In : **Mycotoxins in Human and Animal Health.** Rodricks, J.V., Hesseltine, J.W. and Mehlman, M.A. (eds.) Park Forest South, Illinois : Pathotox Publ. pp. 469 - 477.

- MISLIVEC, P.B. AND TUITE, J. (1970). Species of *Penicillium* occurring in freshly harvested and in stored dent corn kernels. *Mycologia* **62** : 67 - 74.
- MISRA, A.B., SHARMA, J.M. AND SINGH, S.P. (1969). Fungi associated with *Sorghum vulgare* under different storage conditions in India. *PANS* **15** : 365 - 367.
- MOREY, L., KILMER, H. AND SELMON, R.W. (1947). Relationship between moisture content of flour and humidity of air. *Cereal Chem.* **25** : 364.
- MOREAU, C. AND MOSS, M. (1979). In : **Moulds, Toxins and Food**. John Wiley and Sons. Chichester. 77 pp.
- MOSS, M.O. (1984). Conditions and factors influencing mycotoxin formation in the field and during the storage of food. *Chem. and Ind.* **1984** : 533 - 536.
- MOSS, M.O. (1991). Economic Importance of Mycotoxins - Recent Incidence. *Internat. Biomed.* **27** ; 195 - 204.
- MOSS, M.O. (1996). Mycotoxins : Centenary Review. *Myco. Res.* **100** : 513 - 523.
- MOSS, M.O. AND FRANK, M. (1987). Prevention : effects of biocides and other agents on mycotoxin production. In : **Natural Toxicants in Foods**. Watson D.H. (ed.) Ellis Harwood, Chichester. pp 231 - 251.
- MOUBASHER, A.H., ELNAGHY, M.A. AND ABDEL-HAFEZ, S.I. (1972). Studies on the fungus flora of three grains in Egypt. *Mycopath. Mycol. Appl.* **47** : 261 - 274.
- NATORI, S., SAKAKI, S., KURATA, H., UDAGAWA, S., ICHINOE, M., SAITO, M., UMEDA, M. AND OHTSUBO, K. (1970). Production of rubratoxin B by *Penicillium purpurogenum* Stoll. *Appl. Microbiol.* **19** : 613 - 617.
- NEISHEIM, S., HARDIN, N.F., FRANCIS, O.J. Jr. AND LANGHAM, W.S. (1973). Analysis of ochratoxins A and B and their esters in barley, using partition thin layer chromatography. I. Development of the method. *J. Assoc. Off. Anal. Chem.* **56** : 817 - 821.
- NESBIT, B.F., O'KELLY, J., SARGEANT, K. AND SHERIDAN, A. (1962). Toxic metabolites of *Aspergillus flavus*. *Nature* **195** : 1062.
- NG, I.O.L., SRIVASTAVA, G., CHUNG, L.P.TSANG, S.W.Y. AND NG, M.M.T. (1994). Overexpression and point mutations of p53 tumor suppressor gene in hepatocellular carcinomas in Hong Kong Chinese people. *Cancer* **74** : 30 - 37.

- NORTHOLT, D.M. AND BULLERMAN, L.B. (1982). Prevention of mold growth and toxin production through control of environmental conditions. *J. Food Prot.* **45** : 519 - 526.
- NORTHOLT, M.D., VERHULSDONK, C.A.H., SOENTORO, P.S.S. AND PAULSCH, W.E. (1976). Effect of water activity and temperature on aflatoxin production by *Aspergillus parasiticus*. *J. Milk Food Technol.* **39** : 170 - 174.
- PANDE, N. AND SAXENA, J. (1990). Physical conditions leading to aflatoxin elaboration. *Microbiol. Lett.* **44**(174) : 69 - 71.
- PANIGRAHI, S. (1993). Bioassay of mycotoxins using terrestrial and aquatic, animal and plant species. *Fd. Chem. Toxic.* **31**(10) : 767 - 790.
- PANIGRAHI, S. AND DALLIN, S. (1994). Toxicity of the *Alternaria* spp. metabolites, tenuazonic acid, alternariol, altertoxin I, and alternariolmonomethyl ether to brine shrimp (*Artemia salina L.*) larvae. *J. Sci. Food and Agric.* **66** : 493 - 496.
- PASTER, N. (1987). Effects of modified atmospheres on moulding and mycotoxin development. In : **Stored Products Pest Control**. Proceedings of a symposium held at the University of Reading, 25 - 27 March 1987.
- PEERS, F.G. AND LINSELL, C.A. (1972). Dietary aflatoxin and liver cancer - A population-based study. IARC monograph on the evaluation of carcinogenic risk of chemicals to man. *Int. Agency Res. Cancer* **1** : 153.
- PESTKA, J.J. AND BONDY, G.S. (1990). Alteration of immune function following dietary mycotoxin exposure. *Can. J. Physiol. and Pharm.* **68** : 1009 - 1016.
- PITT, J.I. (1975). Xerophilic fungi and the spoilage of foods of plant origin. In : **Water relations of food**. Duckworth, R.B. (ed.). Academic Press, London . pp 273 - 307.
- PITT, J.I. (1979). In : **The Genus Penicillium and its Teleomorphic states Eupenicillium and Talaromyces**. Academic Press, London. 634 pp.
- PITT, J.I. (1992). Aflatoxigenic fungi. *Australian mycotoxin newsletter* **3** : 1
- PITT, J.I. (1994). The current role of *Aspergillus* and *Penicillium* in human and animal health. *J. Med. Vet. Mycol.* **32** (Supp. 1) : 17 - 32.
- PITT, J.I. (1995). Under what conditions are mycotoxins produced? 3. *Penicillium* species. *Australian Mycotoxin Newsletter* **6** : 1 and 12.
- PITT, J.I. AND CHRISTIAN, J.H.B. (1968). Water relations of xerophilic fungi isolated from prunes. *Appl. Microbiol.* **16** : 1853 - 1856.

- PITT, J.I. AND HOCKING, A.D. (1977). Influence of solute and hydrogen ion concentration on the water relations of some xerophilic fungi. *J. Gen. Microbiol.* **101** : 35 - 40.
- PITT, J.I. AND HOCKING, A.D. (1985). In : **Fungi and food spoilage**. Academic Press, Sydney. 413 pp.
- PIXTON, S.W. AND WARBURTON, S. (1971). Moisture content relative humidity equilibrium at different temperatures of some oilseeds of economic importance. *J. Stored Prod. Res.* **7** : 261 - 269.
- PONS JR, W.A. (1976). Resolution of aflatoxins B<sub>1</sub>, B<sub>2</sub>, G<sub>1</sub> and G<sub>2</sub> by HPLC. *J. Assoc. Off. Anal. Chem.* **59** (1) : 101 - 105.
- PRATAP, V., SINGH, B.P.N. AND MAHARAJ NARAIN. (1982). Equilibrium moisture content of some flours. *J. Food Sci. Technol. India* **19** : 153 - 158.
- RAMIREZ, C. (1982). In : **Manual and Atlas of the Penicillia**. Elsevier Biomedical Press, Amsterdam. pp 874.
- RANGASWAMY, J.R. (1973). Observations on the sorption of water vapour by rice and sorghum. *J. Food Sci. Technol. India* **10** : 59 - 61.
- RAPER, K.B. AND FENNEL, D.I. (1965). In : **The Genus Aspergillus**. The Williams and Wilkins Company, Baltimore. VII 688 pp.
- RICHARD, J.L. (1990). Additional mycotoxins of potential importance to human and animal health. *Vet. Hum. Toxicol.* **32** (Supp. I) : 63 - 70.
- RICHARD, J.L. AND GALLAGHER, R.T. (1979). Multiple toxin production by an isolate of *Aspergillus flavus*. *Mycopath.* **67** : 161 - 163.
- ROBERTS, B.A. AND PATTERSON, D.S.P. (1975). Detection of twelve mycotoxins in mixed animal feedstuffs, using a novel membrane cleanup procedure. *J. Assoc. Off. Anal. Chem.* **58** : 1178 - 1181.
- ROBINSON, P. (1967). Infantile cirrhosis of the liver in India with special reference to probably aflatoxin aetiology. *Clin. Pediat.* **6** : 57 - 62.
- ROBINSON, A.B., MANLEY, K.F., ANTHONY, M.P., CATCHPOOL, J.F., AND PAULING, L. (1965). Anesthesia of *Artemia Larvae* : Method for Quantitative Study. *Science* **149** : 1255 - 1258.
- ROHANI, M.Y., SHARIFFAH, S.A.N. AND SAMSUDIN, A. (1985). Post-harvest losses of paddy in the Krian/Sungei Manik areas. *MARDI Res. Bull.*, **13** : 148 - 154.

- ROMER, T.R., BOLING, T.M. AND MACDONALD, J.L. (1978). Gas-liquid chromatographic determination of T-2 toxin and diacetoxyscirpenol in corn and mixed feeds. *J. Assoc. Off. Anal. Chem.* **61** : 801 - 808.
- SAITO, M. AND SINGH, R.B. (1976). In : **Reports on study of mycotoxins in foods in relation to liver diseases in Malaysia and Thailand**. Institute of Medical Science, University of Tokyo, Tokyo, Japan, 85 pp.
- SAITO, M., ENOMOTO, M., TATSUNO, T. AND Uraguchi, K. (1971a). Yellowed rice toxins. In : **Microbial Toxins : a Comprehensive Treatise Vol. VI, Fungal Toxins**. Ciegler, A., Kadis, A. and Ajl, S.J. (eds.). Academic Press, London. pp 299 - 380.
- SAITO, M., OHTSUBO, K., UMEDA, M., ENOMOTO, M., KURATA, H., UDAGAWA, S., SAKABE, F. AND ICHINOE, M. (1971b). Screening tests using HeLa cells and mice for detection of mycotoxin producing fungi isolated from foodstuffs. *Jap. J. Exp. Med.* **41** : 1 - 20.
- SAITO, M., OHTSUBO, K., UMEDA, M., ENOMOTO, M., KURATA, H., UDAGAWA, S., TANIGUCHI, S. AND SEKITA, S. (1974). Screening test using HeLa cells and mice for detection of mycotoxin-producing fungi isolated from foodstuffs. An additional report on fungi collected in 1968 and 1969. *Jap. J. Exp. Med.* **44** : 63 - 82.
- SAITO *et al.* (1989). *Jap. Agric. Res. Q.* **23** : 151 - 154. Cited from Pitt, J.I. (1992). Aflatoxigenic fungi. *Australian mycotoxin newsletter* **3** : 1.
- SAMSON, R.A., FRISVAD, J.C. AND FILTENBORG, O. (1986). Taxonomic schemes for foodborne fungi. In : **Methods for Mycological Examination of Food**. King, A.D., Pitt, J.I., Beuchat, L.R. and Corry, J.E.L. (eds.). New York, Plenum. pp 247 - 270.
- SAMSON, R.A., HOCKING, A.D., PITT, J.I. AND KING, A.D. (eds.).(1992). In : **Modern Methods in Food Mycology. Developments in Food Science**. V. 31. Elsevier, Amsterdam. 388 pp.
- SAMSON, R.A. AND VAN REENEN-HOEKSTRA, E.S. (1988). In : **Introduction to food-borne fungi**. 3rd edition. Baarn:Centraalbureau voor Schimmelcultures.
- SANDERS, T.H., DAVIS, N.D. AND DIENER, U.L. (1968). Effect of carbon dioxide, temperature and relative humidity on production of aflatoxin in peanuts. *J. Am. Oil Chem. Soc.* **45** : 683 - 685.
- SCHMIDT, R. (1985). Optical motility test for the detection of trichothecenes using brine shrimp. *Mycotoxin Res.* **1** : 25 - 29.

- SCHMIDT, R. (1989). The application of *Artemia salina L.* bioassay for screening of *Fusaria* toxins. In : ***Fusarium mycotoxins. Taxonomy and Pathogenicity.*** Chelkowski, J. (ed.). Elsevier, Amsterdam. pp 121 - 130.
- SCHROEDER, H.W. (1966). Effect of corn steep liquor on mycelial growth and aflatoxin production in *Aspergillus parasiticus*. **Appl. Microbiol.** **14** : 381.
- SCHROEDER, H.W. AND SORENSEN JR, J.W. (1961). Mold development of rough rice as affected by aeration during storage. **Rice J.** **64** : 6, 8 - 10, 12, 21 - 23.
- SCOTT, P.M. (1995). Mycotoxin methodology. **Food Addit. Contam.** **12** : 395 - 403.
- SCOTT, W.J. (1957). Water relations of food spoilage microorganisms. **Adv. Food Res.** **7** : 83 - 127.
- SCOTT, P.M. AND HAND, T.B. (1967). Method for detection and estimation of ochratoxin A in some cereal products. **J. Assoc. Off. Anal. Chem.** **50** : 366 - 371.
- SCOTT, P.M., HARWIG, J. AND BLANCHFIELD, B.J. (1980). Screening *Fusarium* strains isolated from overwintered Canadian grains for trichothecenes. **Mycopath.** **72** : 175 - 180.
- SCOTT, P.M., LAU, P. AND KANHERE, S.R. (1981). Gas chromatography with electron capture and mass spectrometric detection of deoxynivalenol in wheat and grains. **J. Assoc. Off. Anal. Chem.** **64** : 1364 - 1371.
- SCUDAMORE, K.A. AND HETMANSKI, M.T. (1995). Natural occurrence of mycotoxins and mycotoxicogenic fungi in cereals in the United Kingdom. **Food Addit. Contam.** **12** : 377 - 382.
- SEILER, D.A.L. (1986). The microbial content of wheat and flour. In : ***Spoilage and mycotoxins of cereals and other stored products.*** Flannigan, B. (ed.). Proceedings of the Biodeterioration Society held at the University of Surrey. 20 - 21 March 1986. CAB International. pp 35 - 40.
- SERCK-HANSSEN, A. (1970). Aflatoxin-induced fatal hepatitis? A case report from Uganda. **Arch. Environ. Health** **20** : 729 - 731.
- SHANK, R.C., BHAMARAPRAVATI, N., GORDON, J.E. AND WOGAN, J.N. (1972). Dietary aflatoxins and human liver cancer IV. Incidence of primary liver cancer in two municipal populations of Thailand. **Food Cosmet. Toxicol.** **10** : 171 - 179.

- SHARMA, A., BEHERE, A.G., PADWAL-DESAI, S.R. AND NADKARNI, G.B. (1980). Influence of inoculum size of *Aspergillus parasiticus* spores on aflatoxin production. *Appl. Microbiol.* **40** : 989 - 993.
- SMITH, J.E. (1984). Summary and thoughts on possible direction of future research effort. *Chem. and Ind.* **1984** : 551 - 552.
- SMITH, J.E., MITCHELL, I. AND CHIU, M.L.C. (1984). The natural occurrence of *Fusarium* mycotoxins. In : **The applied mycology of Fusarium**. Symposium of the British Mycological Society held at Queen Mary College, London, Sept. 1982. Moss, M. O. and Smith, J.E. (eds.). Cambridge University Press, Cambridge. pp 157 - 175.
- SMITH, J.E. AND MOSS, M.O. (1985). In : **Mycotoxins. Formation, Analysis and Significance**. John Wiley and Sons, Chichester. 148 pp.
- SMITH, D. AND ONIONS, A.H.S. (1994). The preservation and maintenance of living fungi. In : **IMI Technical Handbooks No. 2**. CAB International. 122 pp.
- SNIJDERS, C.H.A. (1990). *Fusarium* head blight and mycotoxins contamination of wheat, a review. *Neth. J. Pl. Path.* **96** : 187 - 198.
- SNOW, D. (1949). The germination of mould spores at controlled humidities. *Ann. Appl. Biol.* **36** : 1 - 13.
- SNOW, D., CRICHTON, M.H.G. AND WRIGHT, N.C. (1944). Mould deterioration of feedingstuffs in relation to humidity of storage. Parts I and II. *Ann. Appl. Biol.* **31** : 102.
- SOARES, L.M.V. AND RODRIGUEZ-AMAYA, D.B. (1985). Screening and quantitation of ochratoxin A in corn, peanuts, beans, rice and cassava. *J. Assoc. Off. Anal. Chem.* **68** : 1128 - 1130.
- SOARES, L.M.V. AND RODRIGUEZ-AMAYA, D.B. (1989). Survey of aflatoxins, ochratoxin A, zearalenone and sterigmatocystin in some Brazilian foods using multi-toxin thin-layer chromatography method. *J. Assoc. Off. Anal. Chem.* **72 (1)** : 22 - 26.
- SOCIETY OF AMERICAN BIOLOGISTS. (1957). In : **Manual of Microbiological Methods**. Mc Graw Hill Co., New York. 315 pp.
- SORGER-DOMENIGG, H., CUENDE, L.S., CHRISTENSEN, C.M. AND GEDDES, W.F. (1955). Grain storage studies XVII. Effect of mold growth during temporary exposure of wheat to high moisture contents upon the development of germ damage and other indices of deterioration during subsequent storage. *Cereal Chem.* **32** : 270 - 284.

- STEELE, J.A., DAVIS, N.D. AND DIENER, U.L. (1973). Effect of zinc, copper and iron on ochratoxin A production. *Appl. Microbiol.* **25** : 847 - 849.
- STOKES, R.H. AND ROBINSON, R.A. (1949). Standard solutions for humidity control at 25 °C. *J. Industr. Engng. Chem.* **41(a)**: 2013
- STOLOFF, L. (1989). Aflatoxin is not a probable human carcinogen : the published evidence is sufficient. *Reg. Toxicol. Pharm.* **10** : 272 - 283.
- STOLOFF, L., NEISHEIM, S., YIN, L., RODRICKS, J.V., STACK, M. AND CAMPBELL, A.D. (1971). A multimycotoxin detection method for aflatoxins, ochratoxins, zearalenone, sterigmatocystin and patulin. *J. Assoc. Off. Anal. Chem.* **54** : 91 - 97.
- SVENDSEN, A. AND FRISVAD, J.C. (1994). A chemotaxonomic study of the terverticillate Penicillia based on high performance liquid chromatography of secondary metabolites. *Myco. Res.* **98** : 1317 - 1328.
- TAKEDA, Y., ISOHATA, E., AMANO, R. AND UCHIYAMA, M. (1979). Simultaneous extraction and fractionation and thin layer chromatographic determination of 14 mycotoxins in grains. *J. Assoc. Off. Anal. Chem.* **62** : 573 - 577.
- TOWNSEND, R.J., MOSS, M.O. AND PECK, H.M. (1966). Isolation and characterization of hepatotoxins from *Penicillium rubrum*. *J. Pharm. Pharmac.* **18** : 471.
- TOXINS IN FOOD SEMINAR. (1989). *Staphylococcus aureus* food poisoning in Malaysia. In : **Proceedings of Toxins in Food Seminar**. 15 May 1989. Universiti Malaya, Kuala Lumpur. Chemistry Institute and Universiti Malaya.
- TROLLER, J.A. AND CHRISTIAN, J.H.B. (1978). In : **Water activity and food**. Academic Press. New York. 235 pp.
- TSENG, T.C. (1994). Recent aspects of aflatoxin research in Taiwan. *J. Toxicol. Toxin. Reviews* **13** : 229 - 241.
- TSUNODA, H. (1970). Microorganisms which deteriorate stored cereals and grains. In : **Toxic Microorganisms : Mycotoxins-Botulism**. Proc. 1st U.S. - Japan Conf. on toxic microorganisms. U.S. - Coorporative Program in Natural Resources Joint Panels on Toxic microorganisms and U.S. Dept. of the Interior Gov. Printing Office, Washington D.C. pp143 - 162.
- TUITE, J. AND CHRISTENSEN, C.M. (1957). Grain storge studies XXIII. Time of invasion of wheat by various species of *Aspergillus* responsible for deterioration of stored grain and source of inoculum of these fungi. *Phytopath.* **47** : 265 - 268.

- UENO, Y. AND UENO, I. (1972). Isolation and acute toxicity of citreoviridin, a neurotoxic mycotoxin of *Penicillium citreoviride* Biourge. *Jap. J. Exper. Med.*, 42, 91 - 105.
- URAGUCHI, K. (1971). In : **Microbial Toxins. A Comprehensive Treatise, VI.** Academic Press, New York. pp 367 - 380.
- VANDERGRAFT, E.E., SHOTWELL, O.L., SMITH, M.L. AND HESSELTINE, C.W. (1973). Mycotoxin production affected by insecticide treatment of wheat. *Cereal Chem.* 50 : 264 - 270.
- VESONDER, R.F., CIEGLER, A., ROGERS, R.F., BURBRIDGE, K.A., BOTHAST, R.J. AND JENSEN, A.H. (1978). Survey of 1977 Crop Year preharvest corn for vomitoxin. *Appl. Environ. Microbiol.* 36 : 885.
- WALL, J.H. AND LILLEHOJ, E.B. (1983). High performance liquid chromatographic separation of xanthomegnin and viomellein. *J. Chromatogr.* 268 : 461 - 468.
- WALLACE, H.A. AND SINHA, R.N. (1975). Microflora of stored grain in international trade. *Mycopath.* 57 : 171 - 176.
- WALLACE, H.A., SINHA, R.N. AND MILLS, J.T. (1976). Fungi associated with small wheat bulks during prolonged storage in Manitoba. *Can. J. Bot.* 54 : 1332 - 1344.
- WHO, (1979). In : **Environmental Health Criteria II Mycotoxins.** World Health Organization, Geneva, 1979.
- WICKLOW, D.T., HESSELTINE, C.W., SHOTWELL, O.L. AND ADAMS, G.L. (1980). Interference competition and aflatoxin levels in corn. *Phytopath.* 70 : 761 - 764.
- WILSON, R.E. (1921). Humidity control by means of sulphuric acid solution with critical compilation of vapour pressure data. *J. Industr. Engng. Chem.* 13 : 326.
- WOGAN, G.N. (1974). Naturally-occurring carcinogens. In : **Vol 1. Biology and Biochemistry. The Physiopathology of Cancer.** Homburger, F. (ed.). Karger, Basel.
- YOUNG, A.B., DAVIS, N.D. AND DIENER, U.L. (1980). The effect of temperature and moisture on tenuazonic acid production by *Alternaria tenuissima*. *Phytopath.* 7 : 607 - 609.
- YIN, L. (1969). Note on acetonitrile as an extracting solvent for aflatoxins. *J. Assoc. Off Anal. Chem.* 52 : 880.

YAMAMOTO, T. (1954). Studies on the poison-producing mold isolated from dry malt. I. Distribution, isolation, cultivation and formation of the toxic substance. *J. Pharm. Soc. Japan* 74 : 797.