

DAFTAR PUSTAKA

- Ali, N., Sardjono, Yamashita, A., dan Yoshizawa, T. 1998. *Natural Co-Occurence Of Aflatoxins and Fusarium Mycotoxins (Fumonisin, Deoxynivalenol, Nivalenol And Zearalenone) In Corn From Indonesia*. Food Addit Contam., 15:377-384
- Anonim. 2011. *Biologi Tanaman Jagung (Zea mays L.)*. Dalam <http://repository.usu.ac.id> diakses pada tanggal 21 November 2017 pukul 18.50 WIB.
- Anonim. 2013. *Deoxynivalenol in Food and Feed : Occurrence and Exposure*. EFSA Journal 11:3379
- Antony, J. 2001. *Simultaneous Optimisation of Multiple Quality Characteristic in Manufacturing Process Using Taguchi's Quality Loss Function*. International Journal Advanced Manufacturing Technology No 17: 134-138.
- Arora D.K, dan Khacatourians G.G. 2004 *Applied Mycology and Biotechnology: Fungal Genomics*. Elsevier BV. Netherlands.
- Awad, W.A., Ghrareebab, K., Bo'hma, J., dan Zenteko, J. 2010. *Decontamination and Detoxification Strategies for the Fusarium Mycotoxin Deoxynivalenol in Animal Feed and the Effectiveness of Microbial Biodegradation*. Journal of Food Additives and Contaminants 27:51-520

Bagchi, Tapan P. 1993. *Taguchi Method Explained Practical Steps to Robust Design*.

Prentice-Hall of India Private Limited. New Delhi.

Belavendram, Nicolo. 1995. *Quality by Design: Taguchi Technique for Industrial Experiments*. Prentice-Hall International. New York.

Besterfield, Dale H. 2013. *Quality Improvement (Formerly Entitled Quality Control)*. Pearson Education, Inc. New Jersey.

Bhargav, S., Panda, B.P., Ali, M., dan Javed S. 2008. *Solid-State Fermentation : An Overview*. Journal of Chemical Biochemical Engineering 22(1):49-70.

Buffon, J.G., dan Furlong, E.B. 2010. *Kinetics of Deoxynivalenol by Aspergillus oryzae and Rhizopus oryzae in Submerged Fermentation*. Journal of The Brazilian Chemical Society 21:710-714.

Chutmanop. 2008. *Protease Production by Aspergillus oryzae in Solid-State Fermentation using Agroindustrial Substrates*. Journal of Chemical Technology and Biotechnology 83: 1012-1018.

Couto S.R dan Sanroman M.A. 2006. *Application of Solid-State Fermentation to Food Industry*. A Review Journal of Food Engineering 76:291-302.

Djunaidi, C.S., Setyabudi, F.M.C.S., dan Sardjono. 2017. *The role of Aspergillus oryzae KKB4 in reducing and detoxifying aflatoxin B1 applied in moist-heated corn*. Malaysian Journal of Microbiology 13(2): 117-123.

Fandohan, P., Hell, K., Marasas, W.F.O., dan Wingfield, M.J. 2003. *Infection of Maize by Fusarium species and contamination with Fumonisin in Africa*. African Journal of Biotechnology 2:570-579.

Ferea. 1999. *Systematic Changes in Gene Expression Pattern Following Adaptive Evolution in Yeast*. Proceedings of the National Academy of Science 96:9721-9726.

Fuchs, E., Binder, E.M., Heidler, D., dan Krska, R. 2000. *Characterisation of Metabolite after the microbial degradation of A- and B-trichothecenes by BBSH 797*. Mycotoxin Research 16 Suppl 1 (S1):66-9.

Gaitonde V.N., Karnik., Achyuta., dan Siddleswarappa. 2006. *Multi response Optimization in Drilling Using Taguchi's Quality Loss Function*. Indian Journal of Engineering & Materials Sciences 13: 484-488.

Gani, Irwan dan Siti Amalia. 2015. *Alat Analisis Data: Aplikasi Statistik Untuk Penelitian Bidang Ekonomi dan Sosial*. Yogyakarta: Penerbit ANDI.

Garcia D, Ramos AJ, Sanchis V, Marin S. 2013. *Modelling Kinetics of Aflatoxin Production by Aspergillus flavus in Maize-Based Medium and Maize Grain*. International Journal of Food Microbiology 162:182-189.

Ghozali, Imam. 2009. *Aplikasi Analisis Multivariate dengan Program SPSS, Edisi Keempat*. Semarang: Penerbit UNDIP Press.

- Gomi K., Carl A.B., Mary L.T. 2014. *Aspergillus oryzae*. Encyclopedia of Food Microbiology 1 (2nd Edition): 83-91. Academic Press. London.
- Gowthaman, M.K., Krishna, C., dan Young, M.M. 2001. *Fungal Solid State Fermentation – an Overview*. Journal of Applied Mycology and Biotechnology 1:305-352.
- Gupta, V.K., Chattopadhyay, P., Kalita, M.C., Chaurasia, A.K., dan Kumar, H. 2010. *Isolation and Determination Of Deoxynivalenol By Reversed Phase High Pressure Liquid Chromatography*. Pharmaceutical Methods 2:25-29.
- Hackbart, H.C.S., Machado, A.R., Christ-Ribiero, A., Prietto, L., dan Badiale-Furlong, E. 2014. *Reduction of aflatoxin by Rhizopus oryzae and Trichoderma reesei*. Journal of Mycotoxin Res (30): 141-149.
- Khatun S, dan Chakraborty. 2012. *Mycotoxins as Health Hazard*. Biological Diversity and Conservation 5: 123-133.
- Klotzel, M., dan Lauber, U. 2017. *New SPE Sorbent for Clean-up of Fusarium Toxin-contaminated Cereals & Cereal-based Foods, Bond Elut Mycotoxin*. Application Note. www.agilent.com/chem diakses tanggal 9 Februari 2018.
- Kos J., Hajnal E.J., Šarić B., Jovanov P., Nedeljković N., Milovanović I. dan Krulj, J. 2016. *The influence of climate conditions on the occurrence of deoxynivalenol in maize harvested in Serbia during 2013–2015*. Journal of Food Control.

Koswara, S. 2009. *Teknologi Pengolahan Jagung (Teori dan Praktek)*. eBook Pangan.

Labuza, T.P. dan M.K Schmidl. 1985. *Accelerated Shelf Life Testing of Foods*. Food Technology.39(9): 57-62.

Munclovd, G.P. and C.M. Biggerstaf. 2000. *Stalk Roots and Ear Roots in Bt Hybrids, Riceville, Biolo Cult. Test Control. Plant Disease*. Annual Review of Phytophatology.

Muniswaran, Moorthy, dan Charyulu. 2002. *Transport Phenomena in Solid State Fermentation: Oxygen Transport in Static Tray Fermentors*. Biotechnology and Bioproses Engineering 7: 362-366.

Navidi, W. 2006. *Statistics for Engineers and Scientist*. Mc Graw Hill. New York.

Oda K *et al.* 2006. *Proteomic Analysis of Extracellular Proteins from Aspergillus oryzae Grown under Submerged and Solid-State Culture Conditions*. Applied and Environmental Microbiology 72 (5): 3448-3457.

Phadke, Madhav S. 1989. *Quality Engineering Using Robust Design*. Prentice Hall International, Inc. New Jersey.

Rahayu ES, Sardjono, Samson RA. 2014. *Jamur Benang (Mold) pada Bahan Pangan*. PT Kanisius. Yogyakarta.

Raimbault, M. 1998. *General and Microbiological Aspect of Solid Substrate Fermentation*. Journal of Biotechnology 1(3):1-15.

- Ross, Philip J. 1996. *Taguchi Technique for Quality Engineering: Loss Function, Orthogonal Experiments, Parameter and Tolerance Design*. Mc Graw Hil, Inc. New York.
- Roy, Ranjit K. 2001. *Design of Experiments Using The Taguchi Approach*. John Wiley & Sons, Inc. New Jersey.
- Rusono N, Suanri A, Candrawijaya A. 2013. *Rencana Pembangunan Jangka Menengah Nasional (RPJMN) Bidang Pangan dan Pertanian 2015-2019*. Direktorat Pangan dan Pertanian Bappenas: Jakarta.
- Samuel MS, Sivaramakrishna A, Mehta A. 2014. *Degradation and Detoxification of Aflatoxin B1 by Pseudomonas putida*. International Biodeterioration and Biodegradation 86:202-209.
- Sardjono. 2008. *Kinetika Pertumbuhan Aspergillus oryzae KKB 4 pada Substrat Padat serta Aktivitas Enzim Kasar Ekstraseluler untuk Mereduksi Aflatoksin B1*. Dalam Journal Agritech 28.
- Schmit J.C, Edson C.M, dan Brody S. 1975. *Changes in Glucosamine and Galactosamine Levels During Conidial Germination in Neurospora crassa*. Journal of Bacteriology 122 (3): 1062-1070.
- Setyabudi, F.M.C.S., Nuryono, N., Wedhastri. 2012. *Limited survey of deoxynivalenol occurence in maize kernels and maize-products collected from Indonesian retail market*. Food Control 24:123-127.

- Sitanggang A.B., Sophia L., dan Wu H.S. 2012. *Aspects of Glucosamine Production Using Microorganisms*. International Food Research Journal 19: 393-404.
- Smits. 1998. *Solid-State Fermentation : Modelling Fungal Growth and Activity*. Van de Landbouwniversiteit Wageningen.
- Sobrova P, Adam V, Vasatkova A, Beklova M, Zeman L, Kizek R. 2010. *Deoxynivalenol and its Toxicity*. Journal of Interdisciplinary Toxicology 3:94-99
- Soejanto, Irwan. 2009. *Desain Percobaan dengan Metode Taguchi*. Yogyakarta: Graha Ilmu.
- Somantri, A.S., dan Miskiyah. 2012. *Sistem Keamanan Pangan Berbahan Baku Jagung*. Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian Bogor.
- Souza MM, Prietto L, Ribeiro AC, Furlong EB. 2011. *Assessment of The Antifungal Activity of Spirulina platensis Phenolic Extract Against Aspergillus flavus*. Cienc Agrotecnol 35:1050-1058.
- Suarni, dan Widowati, S. 2007. *Struktur, Komposisi dan Nutrisi Jagung*. Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian. Bogor
- Taufiq, Muchamad. 2004. *Pengaruh Temperatur Terhadap Laju Pengeringan Jagung Pada Pengering Konvensional dan Fluidized Bed*. Dalam Skripsi Teknik Mesin, Universitas Sebelas Maret, Surakarta.
- Taylor, W. A. 1992. *Optimization and Variation Reduction in Quality*. McGraw Hill International Edition. Singapore.

Yamashita *et al.* 1995. *Fusarium mycotoxins (Fumonisin, Nivalenol, and Zearalenone) and Aflatoxins in Corn from South East Asia*. Biosci. Biotech. 59. 1804-1807.

Zambare V. 2010. *Solid State Fermentation of Aspergillus oryzae for Glucoamylase Production on Agro Residues*. International Journal of Life Science 4:16-25.

Zandrazil F. dan Brunert H. 1981. *Investigation of Physical Parameters Important for Solid-State Fermentation of Straw by White Rote Fungi*. European Journal of Applied Microbiology and Biotechnology 11: 183-188.