

REFERENCES

- Abdel-Azeem, A. M., Salem, F. M., Abdel-Azeem, M. A., Nafady, N. A., Mohesien, M. T., and Soliman, E. A. 2016. Biodiversity of the Genus *Aspergillus* in Different Habitats. New and Future Developments in Microbial Biotechnology and Bioengineering: *Aspergillus* System Properties and Applications, 3–28. <https://doi.org/10.1016/B978-0-444-63505-1.00001-4>
- Adiputra, R. 2020. Evaluasi Penanganan Pasca Panen Yang Baik Pada Jagung (*Zea mays* L.). Agro Wiralodra, 3(1), 23–28. <https://doi.org/10.31943/agrowiralodra.v3i1.38>
- Anggraini, D., and Novita, N. 2011. Pendugaan Kualitas Fisik Biji Jagung untuk Bahan Pakan Menggunakan Jaringan Syaraf Tiruan Berdasarkan Data Citra Digital Prediction of Physical Quality of Corn Kernel for Feed using Artificial Neural Network Based on Image Processing. Jurnal Peternakan Indonesia, Oktober, 13(3), 183–190.
- Badan Pusat Statistik. 2020. Jagung dan Kedelai.
- Batt, C. A. 2014. Encyclopedia of Food Microbiology (C. A. Batt (ed.); 2nd ed.). Academic Press.
- Budi, G. P. 2018. Analisis Vegetasi dan Penentuan Dominansi Gulma Pada Pertanaman Jagung di Beberapa Ketinggian Tempat. XX(1).
- Cappuccino, J. ., and Sherman, N. 2005. Microbiology a Laboratory Manual 7th Ed. Pearson Education, Inc. Benjamin Cummings.
- Daba, G. M., Mostafa, F. A., and Elkhateeb, W. A. 2021. The Ancient Koji Mold (*Aspergillus oryzae*) as a modern biotechnological tool. Bioresources and Bioprocessing, 8(1). <https://doi.org/10.1186/s40643-021-00408-z>
- Dewi, T. K. 2015. Pengaruh Suhu dan Lama Penyimpanan (*Mays sachaarata* Strut) di PT Sang Hyang Seri (Persero) Sukamandi. Jurnal Agroektan, 2(2), 117–124. <http://ejournal.unsub.ac.id/index.php/Faperta/article/download/31/33/>
- Dinas Tanaman Pangan. 2021. Luas Panen, Produksi, dan Produktivitas Jagung 2019-2021. Badan Pusat Statistik Provinsi Sumatera Barat. <https://sumbar.bps.go.id/indicator/53/58/1/luas-panen-produksi-dan-produktivitas-jagung.html>

- Fakruddin, M., Chowdhury, A., Hossain, M. N., and Ahmed, M. M. 2015. Characterization of Aflatoxin Producing *Aspergillus flavus* from Food and Feed samples. SpringerPlus, 4(1), 1–6. <https://doi.org/10.1186/s40064-015-0947-1>
- Fountain, J. C., Scully, B. T., Ni, X., Kemerait, R. C., Lee, R. D., Chen, Z. Y., and Guo, B. 2014. Environmental Influences on Maize-*Aspergillus flavus* Interactions and Aflatoxin Production. Frontiers in Microbiology, 5(FEB), 1–7. <https://doi.org/10.3389/fmicb.2014.00040>
- GBIF. 2022. GBIF Backbone Taxonomy. Checklist dataset. Sp. Pl. ((1753)). <https://doi.org/https://doi.org/10.15468/39omei>
- Goodla, L., Reddy, E. P. K., and Panda, A. 2012. Maize Production and its Utilization as Food, Feed and Biofuel. In Maize in Poultry Nutrition (pp. 31–38). Consortium partner, National Agricultural Innovation.
- Handayani, N. I. 2015. Identifikasi Fungi Pada Unit Lumpur Aktif Pengolah Limbah Cair di industri tekstil. 1, 993–997. <https://doi.org/10.13057/psnmbi/m010306>
- Harmen. 2021. Analisis Kebutuhan Jagung Untuk Pakan Ternak Unggas di Sumatera Barat. Jurnal Pembangunan Nagari, 6(2), 148–159. <https://doi.org/10.30559/jpn.v>
- Hoopen, M. E.-T., and Maïga, A. 2012. Maize Production and Processing.
- ICRISAT. 2022. Aflatoxin Timeline. <http://www.icrisat.org/aflatoxin-timeline/>
- Julendra, H., Damayanti, E., Sofyan, A., and Febrisiantosa, A. 2007. Karakteristik Fisiko-Kimia dan Mikrobiologis Pakan Berbahan Dasar Onggok Fermentasi Selama Penyimpanan. Jurnal Sains MIPA, 13(1), 1–5.
- Kana, J. R., Gnonlonfin, B. G. J., Harvey, J., Wainaina, J., Wanjuki, I., Skilton, R. A., and Teguia, A. 2013. Assessment of aflatoxin contamination of maize, peanut meal and poultry feed mixtures from different agroecological zones in Cameroon. Toxins, 5(5), 884–894. <https://doi.org/10.3390/toxins5050884>
- Khalil, and S. Anwar. 2015. Penanganan Pascapanen dan Kualitas Jagung sebagai Bahan Pakan di Kabupaten Pasaman Barat. Jurnal Peternakan Indonesia, 11(1), 36–45.
- Krisnamurthi, B. 2010. Manfaat Jagung dan Peran Produk Bioteknologi Serealia dalam Menghadapi Krisis Pangan, Pakan dan Energi di Indonesia. Prosiding Pekan Serealia Nasional, 2–7.
- Kristanto, A. 2008. Teknologi Pascapanen untuk Peningkatan Mutu Jagung. PT. Bisi Pare-Kediri.

- Kumaji, S. S. 2018. Identifikasi Kapang Pengkontaminan Ikan Cakalang (Katsuwonus Pelamis) Asap di Pasar Sentral Kota Gorontalo. Jambura Journal of Educational Chemistry, 13(1), 109–114.
- Kumar, R., Srinivas, K., Miah, M. A. M., Shah, H., Dahlan, H. A., and Qiu, H. 2014. 12th Asian Maize Conference and Expert Consultation on Maize for Food, Feed, Nutrition; and Environmental Security. Maize for Food, Feed, Nutrition and Environmental Security, 475. Maize for Food, Feed, Nutrition and Environmental Security, October, 475.
- Lass-Flörl, C., Dietl, A.-M., Kontoyiannis P, D., and Brock, M. 2021. *Aspergillus terreus* Species Complex. American Society for Microbiology, 34(4). <https://doi.org/https://doi.org/10.1128/CMR.00311-20>
- Leggieri, M. C., Bertuzzi, T., Pietri, A., and Battilani, P. 2015. Mycotoxin Occurrence in Maize Produced in Northern Italy Over the Years 2009-2011 : Focus on The Role of Crop Related Factors Author (s): Marco CAMARDO LEGGIERI , Terenzio BERTUZZI , Amedeo PIETRI and Paola Source : Phytopathologia Mediterranea , August. 54(2).
- Marlida, Y., Nurmiati, N., Husnaini, H., Huda, N., Anggraini, U., and Ardani, L. R. 2022. Potensi Bakteri Asam Lakat Isolat Lokal sebagai Biodetoksifikasi Aflatoksin B1 (AFB1) dan Menghambat Pertumbuhan Jamur Patogen.
- Maryam, R. 2006. Pengendalian Terpadu Kontaminasi Mikotoksin. 30, 21–30.
- McClenny, N. 2005. Laboratory Detection and Identification of *Aspergillus* Species by Microscopic Observation and Culture: The Traditional Approach. Medical Mycology, 43(SUPPL.1), 125–128. <https://doi.org/10.1080/13693780500052222>
- Mohapatra, D., Kumar, S., Kotwaliwale, N., and Singh, K. K. 2017. Critical Factors Responsible For Fungi Growth in Stored Food Grains and non-Chemical Approaches for Their Control. Industrial Crops and Products, 108(February), 162–182. <https://doi.org/10.1016/j.indcrop.2017.06.039>
- Muhadjir, F. 2018. Karakteristik Tanaman Jagung. Balai Penelitian Tanaman Pangan Bogor, 13, 33–48. <http://balitsereal.litbang.pertanian.go.id/wp-content/uploads/2018/08/3karakter.pdf>
- Musita, N. 2018. Kajian Kadar Aflatoksin dan Proksimat Tepung Jagung Nikstamalisasi pada Berbagai Lama Perendaman. Prosiding Seminar Nasional, 98–105. <http://ejournal1.kemenperin.go.id/pmbp/article/view/4466>
- Nyongesa, B. W., Okoth, S., and Ayugi, V. 2015. Identification Key for

andlt;iandgt;*Aspergillus*andlt;/iandgt; Species Isolated from Maize and Soil of Nandi County, Kenya. Advances in Microbiology, 05(04), 205–229. <https://doi.org/10.4236/aim.2015.54020>

Okoli, I. C., Nweke, C. U., Okoli, C. G., and Opara, M. N. 2006. Assessment of The Mycoflora of Commercial Poultry Feeds Sold in The Humid Tropical Environment of Imo State, Nigeria. 1995.

Pitt, J. I., and Hocking, A. D. 1985. Fungi and food spoilage (Food scien). Academic Press.

Placinta, C. M., Mello, J., and Macdonald, A. M. C. 1999. Placinta-1999-A Review of Worldwide.pdf. Elsevier, 78, 21–37.

Puspadewi, R., Anugrah, R., and Sabila, D. 2017. Kemampuan *Aspergillus wentii* Dalam Menghasilkan Asam Sitrat. Kartika Jurnal Ilmiah Farmasi, 5(1). <https://doi.org/10.26874/kjif.v5i1.83>

Ráduly, Z., Szabó, L., Madar, A., Pócsi, I., and Csernoch, L. 2020. Toxicological and Medical Aspects of *Aspergillus*-Derived Mycotoxins Entering the Feed and Food Chain. Frontiers in Microbiology, 10(January), 1–23. <https://doi.org/10.3389/fmicb.2019.02908>

Samson, R. ., and van Reenen-Hoekstra, E. S. 1988. Introduction to Food Borne Fungi. Voor Schimmelcultules.

Sandoval-sierra, V., Machordom, A., and Soler-hurtado, M. M. 2016. *Aspergillus sydowii* and Other Potential Fungal Pathogens in Gorgonian Octocorals of the Ecuadorian Pacific. 1–12. <https://doi.org/10.1371/journal.pone.0165992>

Shahbazi, Y., and Shavisi, N. 2019. Occurrence of Aflatoxins and Ochratoxin A in Gaz, a Traditional Persian Confection, and Its ingredients. Food Control, 98 (May 2018), 107–112. <https://doi.org/10.1016/j.foodcont.2018.11.023>

Singh, K., Frisvad, J. C., Thrane, U., and Mathur, S. B. 1991. An Illustrated Manual on Identification of some Seed borne Aspergilli, Fusaria, Penicillia and their Mycotoxins. Institute of Seed pathology for Developin Countries.

SNI. 1998. Jagung Bahan Baku Pakan.

Streit, E., Schatzmayr, G., Tassis, P., Tzika, E., Marin, D., Taranu, I., Tabuc, C., Nicolau, A., Aprodu, I., Puel, O., and Oswald, I. P. 2012. Current Situation of Mycotoxin Contamination and Co-occurrence in Animal Feed Focus on Europe. Toxins, 4(10), 788–809. <https://doi.org/10.3390/toxins4100788>

- Subekti, N. A., Syafruddin, Efendi, R., and Sunarti, S. 2008. Morfologi Tanaman dan Fase Pertumbuhan Jagung. Balai Penelitian Tanaman Serealia, Maros, 16–28.
- Taniwaki, M. H., Pitt, J. I., and Magan, N. 2018. *Aspergillus* species and mycotoxins: occurrence and importance in major food commodities. Current Opinion in Food Science, 23, 38–43. <https://doi.org/10.1016/j.cofs.2018.05.008>
- Umiyah, U., and Wina, E. 2008. Pengolahan dan Nilai Nutrisi Limbah Tanaman Jagung sebagai Pakan Ternak Ruminansia. Wartazoa, 18(3), 127–136.
- Vujanovic, V., Smoragiewicz, W., and Krzyszyniak, K. 2001. Airborne Fungal Ecological Niche Determination as One of The Possibilities for Indirect Mycotoxin Risk Assessment in Indoor Air. Environmental Toxicology, 16(1), 1–8. [https://doi.org/10.1002/1522-7278\(2001\)16:1<1::AID-TOX10>3.0.CO;2-8](https://doi.org/10.1002/1522-7278(2001)16:1<1::AID-TOX10>3.0.CO;2-8)
- Widaningrum, Miskiyah, and Somantri, A. S. 2010. Perubahan Sifat Fisiko-Kimia Biji Jagung (*Zea mays* L.) Pada Penyimpanan dengan Perlakuan Karbondioksida. Agritech, 30(1), 36–45.
- Wilson, D. M., Mutabanhema, W., and Jurjevic, Z. 2002. Biology and Ecology of Mycotoxicogenic *Aspergillus* Species as Related to Economic and Health Concerns. Advances in Experimental Medicine and Biology (pp. 3–18). https://scholar.google.com/scholar?hl=idandas_sdt=0%2C5andq=Wilson%2C+D.+M.%2C+W.+Mutabanhema%2C+dan+Z.+Jurjevic.+2002.+Biology+and+Ecology+of+Mycotoxicogenic+Aspergillus+species+as+related+to+economic+and+health+concerns.+Dalam+Trucksess%2C+M.W.%2C+J.+W.+DeVri
- Zorzete, P., Castro, R. S., Pozzi, C. R., Israel, A. L. M., Fonseca, H., Yanaguibashi, G., and Correa, B. 2008. Relative Populations and Toxin Production by *Aspergillus* *flavus* and *Fusarium verticillioides* in Artificially Inoculated Corn at Various Stages of Development Under Field Conditions. Journal of the Science of Food and Agriculture, 88, 48–55.