

DAFTAR PUSTAKA

- Aqil M. 2010. *Pengembangan Metodologi untuk Penekanan Susut Hasil pada Proses Pemipilan Jagung*. Balai Penelitian Tanaman Serealia. Prosiding Pekan Serealia Nasional.
- Aremu DO, SE Anjorin, NA Babajide, AC Alaka dan CA Ogunlade. 2016. Terminal Velocity of Popcorn as Affected by Moisture Content. *Journal of Multidisciplinary Engineering Science Studies*, 2 (1) : 220-223.
- Azrai M dan AM Adnan. 2011. *Jagung Hibrida Unggul Nasional*. Balai Penelitian Tanaman Serealia.
- Becker HA. 1959. The Effect of Shape and Reynolds Number of Drag in The Motion of a Freely Oriented Body in an Infinite Fluid. *Can. J. Chem. Eng.*, (2) : 85-91.
- Daulay DP 2017. *Studi Sifat Hidrodinamis Buah Jeruk Siam Gunung Omeh (Citrus nobilis var. Microcarpa) Berdasarkan Diameter Buah*. Skripsi. Program Studi Teknik Pertanian, Fakultas Teknologi Pertanian, Universitas Andalas. Padang.
- Eissa AHA. 2009. Aerodynamic and Solid Flow Properties for Flaxseeds for Pneumatic Separation by Using Air Stream. *Int. J. Agric and Biol Eng.*, 2 (4) : 31-45.
- Firmansyah IU. 2013. *Perbaikan dan Uji Prototype Mesin Pembersih Benih Jagung*. Balai Penelitian Tanaman Serealia.
- Gorial BY dan JR O'Callaghan. 1990. Aerodynamic Properties of Grain/Straw Materials. *Journal Agric. Eng. Res.*, (46) :275-290.
- Gupta RK, G Arora dan R Sharma. 2007. Aerodynamic Properties of Sunflower Seed. *Journal Food Engineering*, (79) : 899-904.
- Hemmat A, M Emamy, SJ Razavi dan AA Masoumi. 2007. Terminal Velocity of Chopped Corn Silage and Its Sepatara Fraction as Affected by Moisture Content. *Journal Agrc. Sci. Technol.*, 9 : 15-23.
- Ismon L. 2015. Keragaan Hasil Varietas Jagung Bima 3 pada Beberapa Agroekosistem Sumatera Barat. *Prosiding Seminar Nasional Serealia 2015*, 287-297.
- Junior PCA, PC Correa, FAC Pinto dan DM Queiroz. 2007. Aerodynamic Properties of Coffee Cherries and Beans. *Biosistems Engineering*, 98 : 39-46.
- Kashaninejad M, A Mortazavi, A Safekordi dan LG Tabil. 2005. Some Physical Properties of Pistachio (*Pistachio vera L.*) Nut and Its Kernel. *J. Food Eng.*, 72 (1) : 30-38.

- Kastanja AY. 2015. Identifikasi Kadar Air Biji Jagung dan Tingkat Kerusakannya pada Tempat Penyimpanan. *Jurnal Agroforestri*, 2 (1) : 27-32.
- Keck H dan JR Goss. 1965. Determining Aerodynamic Drag and Terminal Velocity of Agronomic Seeds in Free Fall. *Trans. ASAE*. (8) : 553-4.
- Khodabakhshian R, B Emadi dan MHA Fard. 2009. Aerodynamic Properties of Sunflower Seed, Kernel and Its Hull Affected by Moisture Content and Size, Azargol Variety as a Case Study. *In: Int. Agric. Eng. Conference*, Bangkok, Thailand.
- _____.2012. The Effect of Variety, Size and Moisture Content of Sunflower Seed and Its Kernel on Their Terminal Velocity, Drag Coefficient and Reynold's Number. *Int. J. Food Prop.*, 15 (2) : 262-273.
- Khodabakhshian R, B Emadi, MS Khojastehpour dan MR Golzarian. 2016. Aerodynamic Separation and Cleaning of Pomegranate Arils from Rind and White Segments (Locular septa). *Journal of the Studi Society of Agricultural Sciences*, 3 (1) : 1-8.
- Khoshtaghaza MH dan R Mehdizadeh. 2006. Aerodynamic Properties of Wheat Kernel and Straw Materials. *Agricultural Engineering International : the CIGR Ejournal*, 8 (7).
- Maduako JN dan MO Faborode. 1990. Some Physical Properties of Cocoa Pods in Relation to Primary Processing. *Ife J. Technol.*, 2 : 1-7.
- Matouk AM, SMA El-latif dan A Tharwat. 2008. Aerodynamics and Mechanical Properties of Some Oil Producing Crops. *Journal Agric. Sci.*, (33) :4195-4211.
- Mohsenin NN. 1986. Physical Properties of Plant and Animal Materials. *Gordon and Breach Science Publishers, New York (2nd Revised and Updated Edition)*.
- Nahal AMN, A Arabhosseini dan MH Kianmehr. 2013. Separation of Shelled Walnut Particles Using Pneumatic Method. *Int. J. Agric and Biol Eng*, 6 (3) : 88-93.
- Omobuwajo TO, EA Akande dan LA Sanni. 1999. Selected Physical, Mechanical and Aerodynamic Properties of African Breadfruit (*Treculia africana*) seeds. *J. Food. Eng.*, 40 : 241-244.
- Rajabipour A, A Tabatabaeefar dan M Farahani. 2006. Effect of Moisture on Terminal Velocity of Wheat Varieties. *International Journal of Agriculture & Biology*, 8 (1) : 10-13.
- Razavi SMA, A Rafe dan R Akbari. 2007. Terminal Velocity of Pistachio Nut and Its Kernel as Affected by Moisture Content and Variety. *African Journal of Agricultural Research*, 2 (12) : 663-666.

- Rismawati E dan A Purqon. 2015. Efek Termal dan Kadar Air terhadap Sifat dan Aerodinamika Biji-Bijian. *Prosiding SKF*, 16-17 Desember 2015 : 469-474.
- Rofarsyam. 2008. Mesin Pemisah dan Pembersih Biji-Bijian/Butiran Sebagai Bahan Baku Pakan Burung Olahan. *Jurnal Ilmiah Semesta Teknik*, 11, (1) :53-62.
- Sangamithra A, SG John, RS Prema dan K Nandini. 2016. Moisture Dependent Physical Properties of Maize Kernels. *International Food Research Journal*, 23 (1) : 109-115.
- Shahbazi F, S Valizadeh dan A Dowlatshah. 2014. Aerodynamic Properties of Makhobeli, Triticale and Wheat Seeds. *Int. Agrophys.* (28) : 389-394.
- Shakeri M dan R Khodabakhshian. 2011. The Physical Attributes of Safflower Seed as a Function of Moisture Content, Variety and Size. *EJPAU*, 14 (3) : 1-11.
- Stroshine RL. 2004. Physical Properties of Agricultural Materials and Food Products. West Lafayette, Ind.
- Sugiyono. 2014. *Metode Penelitian Kuantitatif Kualitatif dan R&D*. Alfabeta. Bandung.
- Sungkawa I. 2013. Penerapan Analisis Regresi dan Korelasi dalam Menentukan Arah Hubungan Antara Dua Faktor Kualitatif pada Tabel Kontingensi. *Jurnal. Mat. Stat.*, 13 (1) : 33-41.
- Suprpto HS. 1982. *Bertanam Kacang Hijau*. Penebar Swadaya. Jakarta.
- Tarighi J, A Mahmoudi dan N Alavi. 2011. Some Mechanical and Physical Properties of Corn Seed (var. DCC 370). *J. Agric. Res.* 6 (16) : 3691-3699.
- Tabak S dan D Wolf. 1998. Aerodynamic Properties of Cottonseeds. *J. Agric. Eng. Res.*, 70 : 257-265.
- Uslianti S, T Wahyudi, M Saleh dan S Priyono. 2014. Rancang Bangun Mesin Pemipil Jagung Untuk Meningkatkan Hasil Pemipilan Jagung Kelompok Tani Desa Kuala Dua. *Jurnal ELKHA*, 6 (1) : 1-5.
- Warisno. 1998. *Budidaya Jagung Hibrida*. Kanisius. Yogyakarta.