

DAFTAR PUSTAKA

- Acharya, P., Jayaprakasha, G. K., Crosby, K. M., Jifon, J. L., & Patil, B. S. (2020). *Nanoparticle-Mediated Seed Priming Improves Germination, Growth, Yield, and Quality of Watermelons (Citrullus lanatus) at multi-locations in Texas*. *Scientific Reports*, 10(1), 1–16. <https://doi.org/10.1038/s41598-020-61696-7>
- Adhikari, B., Dhital, P. R., Ranabhat, S., & Poudel, H. (2021). *Effect of seed hydro-priming durations on germination and seedling growth of bitter gourd (Momordica charantia)*. *PLoS ONE*, 16(8 August), 1–12. <https://doi.org/10.1371/journal.pone.0255258>
- Akers, S., & Holley, K. (1986). *SPS: A system for priming seed using aerated polyethylene glycol of salt solutions*. *HortScience*, 21, 529–531. <https://www.scienceopen.com/document?vid=fe2b5b55-62bd-4d88-b69f-958668099484>
- Anosheh, H. ., Sadeghi, H., & Emam, Y. (2012). *Chemical Priming with Urea and KNO₃ Enhances Maize Hybrids (Zea mays L.) Seed Viability under Abiotic Stress*. *Journal of Crop Science and Biotechnology*, 14, 289–295.
- Arief, R., & Koes, F. (2010). *Invigorasi benih*. Prosiding Pekan Serealia Nasional, 473–477. balitsereal.litbang.pertanian.go.id/wp-content/uploads/2016/12/p60.pdf
- Banerjee, S., Jana, K., Mondal, R., Mondal, K., & Mondal, A. (2020). *Effect of Seed Priming on Growth and Yield of Hybrid Maize-Lathyrus Sequence under Rainfed Situation*. *Current Journal of Applied Science and Technology*, February, 126–136. <https://doi.org/10.9734/cjast/2020/v39i130488>
- Bewley, J. ., & Black, M. (1994). *Seeds: Physiology of development and germination* (2nd ed.). Plenum Press.
- Bradford, K. J. (1986). *Manipulation of Seed Water Relations Via Osmotic Priming to Improve Germination Under Stress Conditions*. *HortScience*, 21(5),

1105–1112. <https://doi.org/10.21273/hortsci.21.5.1105>

- Chang, H. (2002). *Effect of seed priming with mixed-salt solution on germination and physiological characteristics of seedling in rice (Oryza sativa L.) under stress conditions*. Journal of Zhejiang Agricultural University, 28, 175–178.
- Copeland, L. ., & McDonald, M. . (2001). *Principles of Seed Science and Technology*. (4th ed.). Kluwer Academic Publisher.
- Dawood, M. (2018). *Stimulating Plant Tolerance Against Abiotic Stress Through Seed Priming*. Springer Singapura, 147–183. https://doi.org/10.1007/978-981-13-0032-5_10
- Ellis, R. ., & Robert, E. . (1980). *Improved Equations for the Prediction of Seed Longevity*. Annals of Botany, 45, 13–30.
- Fitriani, E. R., Wirosodarmo, R., Rahadi, J. bambang, & Mustofa, A. A. (2010). *The Influence Application Sludge of Biodigester Made With Cow Manure in Dry Land on The Growth Vegetative of A Corn Plant (Zea Mays L.)*. Jurnal Sumberdaya Alam & Lingkungan, 2003, 26–30.
- Golezani, K. G., Dastborhan, S., & Salmasi, S. Z. (2013). *Seed Priming and Field Performance of Borage (Borago officinalis L.) under Different Irrigation Treatments*. International Journal of Agronomy and Plant Production, 4(1), 82-87.
- Hart, J. ., Sullivan, D. ., & Peachey, R. . (2010). *Sweet Corn (Western Oregon)* J.M. Archival Copy. For Current Information, See the OSU Extension Catalog, 10(4), 305–316. http://kavir.iauvaramin.ac.ir/article_542952.html
- Hasanuzzaman, M., & Fotopoulus, V. (2019). *Priming and Pretreatment of Seeds and Seedlings Implication in Plant Stress Tolerance and Enhancing Productivity in Crop Plants*. In Springer Singapura. https://doi.org/10.1007/978-981-13-8625-1_3
- Iqbal, M. A., Maqsood, Q., Ahmad, Z., Afzal, S., & Ahmad, M. M. (2015). *Optimizing Nitrogen Level to Improve Growth and Grain Yield of Spring*

Planted Irrigated Maize (Zea mays L.) University of Agriculture faisalabad View project Stimulating Drought Tolerance In Camelina And Canola Through Supplemental Foliar Application Of S. January. <https://www.researchgate.net/publication/278019892>

Jamidi, Rauf, A., Hanum, C., & Akoeb, E. N. (2018). *High growth and diameter of the hddgmwh stem of corn plants (Zea may L) with a different cropping pattern.* Emerald Reach Proceedings Series, 1, 99–106. <https://doi.org/10.1108/978-1-78756-793-1-00032>

Kaya, M. D., & Kulan, E. G. (2020). *Effective Seed Priming Methods Improving Germination and Emergence of Sugar Beet Under Low-Temperature Stress.* Sugar Tech, 22(6), 1086–1091. <https://doi.org/10.1007/s12355-020-00848-5>

Kemendag. (2021). Domestik Dan Internasional. *Pusat Pengkajian Perdagangan Dalam Negeri , Badan Pengkajian Dan Pengembangan Perdagangan Kementerian Perdagangan Republik Indonesia, November, 132.*

Ku-Or, Y., Leksungnoen, N., Onwimon, D., & Doomnil, P. (2020). *Germination and salinity tolerance of seeds of sixteen fabaceae species in Thailand for reclamation of salt-affected lands.* Biodiversitas, 21(5), 2188–2200. <https://doi.org/10.13057/biodiv/d210547>

Lakitan, B. (2003). *Dasar-Dasar Fisiologi Tumbuhan.* PT Grafindo Persada.

Liu, G., Marshall Porterfield, D., Li, Y., & Klassen, W. (2012). Increased oxygen bioavailability improved vigor and germination of aged vegetable seeds. *HortScience*, 47(12), 1714–1721. <https://doi.org/10.21273/hortsci.47.12.1714>

Matthews, S., & Hosseini, M. K. (2007). *Length of the lag period of germination and metabolic repair explain vigour differences in seed lots of maize (Zea mays) (Length of the lag period of germination and metabolic repair explain vigour differences in seed lots of maize (Zea mays)).* Seeds Science and Technology, 35(1), 200–212.

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>

- Murungu, F. S., Chiduza, C., Nyamugafata, P., Clark, L. J., Whalley, W. R., & Finch-Savage, W. E. (2004). *Effects Of “On-Farm Seed Priming” On Consecutive Daily Sowing Occasions On The Emergence And Growth Of Maize In Semi-Arid Zimbabwe*. *Field Crops Research*, 89(1), 49–57. <https://doi.org/10.1016/j.fcr.2004.01.020>
- Nakao, Y., Asea, G., Yoshino, M., Kojima, N., Hanada, H., Miyamoto, K., Yabuta, S., Kamioka, R., & Sakagami, J.-I. (2018). *Development of Hydropriming Techniques for Sowing Seeds of Upland Rice in Uganda*. *American Journal of Plant Sciences*, 09(11), 2170–2182. <https://doi.org/10.4236/ajps.2018.911157>
- Nakorn, P. N., & Kaewsoorn, P. (2021). *Effects Of KNO₃ Concentration And Aeration During Seed Priming On Seed Quality Of Wax Gourd (Benincasa hispida [Thunb.] Cogn.)*. *Agriculture and Natural Resources*, 55(5), 873–881. <https://doi.org/10.34044/j.anres.2021.55.5.18>
- Nigam, S. N., Jordan, D. L., & Janila, P. (2018). *Achieving sustainable cultivation of grain legumes Improving cultivation of cowpea in West*. In Burleigh Dodds Series in Agricultural Science (Vol. 2). www.bdspublishing.com
- Nleya, T., Kleinjan, J., & Chungu, C. (2019). *Corn Growth and Development: Climate Matters*. *IGrow Corn: Best Management Practices*, 1(March), 1–10.
- Pairochteerakul, P., Jothityangkoon, D., Ketthaisong, D., Simla, S., Lertrat, K., & Suriharn, B. (2018). *Seed Germination In Relation To Total Sugar And Starch In Endosperm Mutant Of Sweet Corn Genotypes*. *Agronomy*, 8(12). <https://doi.org/10.3390/agronomy8120299>
- Pedrinii, S., Stevens, J. C., & Dixont, K. W. (2021). *Seed Encrusting With Salicylic Acid: A Novel Approach To Improve Establishment Of Grass Species In Ecological Restoration*. *PLoS ONE*, 16(6 June), 1–18. <https://doi.org/10.1371/journal.pone.0242035>

- Pill, W. G., & Necker, A. D. (2001). *The Effects Of Seed Treatments On Germination And Establishment Of Kentucky Bluegrass (Poa pratensis L.)*. *Seed Science and Technology*, 29(1), 65–72.
- Prasetyo, A. W. (2018). *Pengaruh Pemberian Berbagai Macam Bahan Priming Terhadap Pertumbuhan Dan Hasil Benih Tanaman Jagung Manis (Zea mays L. Saccharata Sturt.)*. Universitas Brawijaya Malang.
- Pratiwi, H., & Wahyuningsih, S. (2018). Pengaruh Perendaman Benih terhadap Pertumbuhan dan Hasil Kacang Tanah. *Prosiding Seminar Nasional Hasil Penelitian Tanaman Aneka Kacang Dan Umbi Malang*.
- Putra, A. I. (2017). *Imbibisi Benih Mati Dan Hidup Pada Benih Jagung (Zea Mays) Dan Kacang Tanah (Arachis hypogaea)*. 1–4.
- Quesada, V. (2021). *Advances in the Molecular Mechanisms of Abscisic Acid and Gibberellins Functions in Plants*. *International Journal of Molecular Sciences*, 22(11). <https://doi.org/10.3390/ijms22116080>
- Rahmatika, W., & Sari, A. E. (2020). *Efektivitas Lama Perendaman Larutan KNO₃ terhadap Perkecambahan dan Pertumbuhan Awal Bibit Tiga Varietas Padi (Oryza sativa L.)*. *Agrovigor: Jurnal Agroekoteknologi*, 13(2), 89–93. <https://doi.org/10.21107/agrovigor.v13i2.6706>
- Rakshit, A., & Singh, H. B. (2018). *Advances in seed priming*. *Advances in Seed Priming*. <https://doi.org/10.1007/978-981-13-0032-5>
- Rhaman, M. S., Rauf, F., Tania, S. S., & Khatun, M. (2020). *Seed Priming Methods : Application in Field Crops and Future Perspectives*. 5(2), 8–19. <https://doi.org/10.9734/AJRCS/2020/v5i230091>
- Riwandi, Handajaningsih, & Hasanudin. (2014). *Teknik Budidaya Jagung dengan Sistem Organik di Lahan Marjinal*. UNIB PRESS, Bengkulu.
- Ruanjaichon, V., Khammona, K., Burin, T., Suriharn, K., Kerdsri, C., Aesomnuk, W., Yonsuwan, A., Chaomueang, N., Thammapichai, P., Arikrit, S., Wanchana, S., & Toojinda, T. (2021). *Identification of Gene Associated*

with Sweetness in Corn. *Plants*, 10(1239), 1–11.
<https://doi.org/10.3390/plants10061239>

Rusmin, D., Darwati, I., & Suwarno, F. C. (2016). *Viabilitas Benih Purwoceng (Pimpinella pruatjan) Pada Berbagai Perlakuan Stimulasi Perkecambahan*. *Bulletin of Research on Spice and Medicine Crops*, 27(2), 115–122.

Ruttanaruangboworn, A., Chanprasert, W., Tobunluepop, P., & Onwimol, D. (2017). *Effect Of Seed Priming With Different Concentrations Of Potassium Nitrate On The Pattern Of Seed Imbibition And Germination Of Rice (Oryza sativa L.)*. *Journal of Integrative Agriculture*, 16(3), 605–613.
[https://doi.org/10.1016/S2095-3119\(16\)61441-7](https://doi.org/10.1016/S2095-3119(16)61441-7)

Sadjad, S. (1993). *Dari Benih Kepada Benih*. Gramedia Jakarta.

Santika, P., Muhklisin, I., Makama, S. D. (2022). *Effect of Aeration and KNO₃ in Seed Priming on The Germination of Tomato (Solanum lycopersicum) Seeds*. *Agroteknika*, 5(November), 151–160.

Sari, M., & Suhartanto, M. R. (2007). *Pengaruh Sarcotesta dan Kadar Air Benih terhadap Kandungan Total Fenol dan Daya Simpan Benih Pepaya (Carica papaya L .)*. 49(35), 44–49.

Sari, N. L. (2021). *Uji Ketepatan Waktu Defoliiasi Dan Aplikasi Unsur Nitrogen Terhadap Produksi Dan Mutu Benih Jagung Manis (Zea mays saccharata Sturt) Skripsi. Program Studi Teknik Produksi Benih [Politeknik Negeri Jember]*. <https://sipora.polije.ac.id/6937/>

Sitompul, S. ., & Guritno, B. (1995). *Analisis Pertumbuhan Tanaman*. UGM Press.

Sutopo, L. (2004). *Teknologi Benih*. Raja Grafindo Persada, Jakarta.

Syukur, M., & Rifianto, A. (2013). *Jagung Manis*. Penebar Swadaya, Jakarta.

Tania, S. S., Rhaman, M. S., & Hossain, M. M. (2020). *Hydro-Priming And Halo-*

Priming Improve Seed Germination, Yield And Yield Contributing Characters of Okra (Abelmoschus esculentus L.). Tropical Plant Research, 7(1), 86–93. <https://doi.org/10.22271/tpr.2020.v7.i1.012>

Sukanya, V., Patel, R.M., Suthar, K.P., Singh, D. 2018. *An Overview: Mechanism Involved in Bio-priming Mediated Plant Growth Promotion*. *International Journal of Pure and Applied Bioscience* 6(5):771:783.

Syukur, M dan A. Rifianto. 2014. *Jagung Manis*. Jakarta: Penebar Swadaya.

Tania, S.S., Rhaman, M.S., Hossain, M.M. 2020. *Hydro – Priming and Halo – Priming Improve Seed Germination, Yield and Yield Contributing Characters of Okra (Abelmoschus esculentus L.). Tropical Plant Research* 7(1):86 – 9

Tefa, A. (2017). *Uji Viabilitas dan Vigor Benih Padi (Oryza sativa L.) selama Penyimpanan pada Tingkat Kadar Air yang Berbeda*. *Savana Cendana*, 2(03), 48–50. <https://doi.org/10.32938/sc.v2i03.210>

Zakia, A., Ulum, M. B., Iriany, A., & Zainudin, A. (2021). *Modifikasi Teknik Invigorasi untuk Meningkatkan Viabilitas dan Vigor Benih Jagung Manis (Zea mays Sacharata L.)*. *Agriprima: Journal of Applied Agricultural Sciences*, 5(1), 50–60. <https://doi.org/10.25047/agriprima.v5i1.383>

Zhou, J., Wang, Y., & Jahufer, Z. (2013). *Location And Chemical Composition Of Semi-Permeable Layer Of Forage Seeds*. *Bangladesh Journal of Botany*, 42(1), 23–29. <https://doi.org/10.3329/bjb.v42i1.15802>