

REFERENCES

- Abadi, W. and A. N. Sugiharto, A. N. 2019. Testing the Superiority of Several Candidate Sweet Corn Hybrid Varieties (*Zea mays* var. *saccharata*). *Journal of Crop Production*, 7(5), 939-948.
- Abdiana, R. and D.I. Anggraini. 2017. Corn Silk (*Zea mays* L.) as an Alternative Sunscreen. *Jurnal Majority*. 7 (1),31-35
- Aeru, R.H. and T.Q. Dewi. 2017. *Practical Guide to Corn Cultivation*. Jakarta: Penebar Swadaya. First edition. 84 pages
- Agustina, D. U., F. A. Rahman, S. Supriyadi, and C. Wasonowati. 2024. Evaluation of Slow-Release Nitrogen Fertilizer in Corn (*Zea mays* L.) Plants. *Journal of Soil and Land Resources*, 11(1), 95-102.
- Ahmad, S., G.Y. Wang, I. Muhammad, M. Zeeshan, and X. B. Zhou. 2022. Melatonin and KNO₃ Application Improves Growth, Physiological and Biochemical Characteristics of Maize Seedlings Under Waterlogging Stress Conditions. *Biology*, 11(1), 1-99.
- Aji, H. N. and E.S. Wahyuni. 2021. The Effect of Potassium Boron and Magnesium Phosphate Fertilizer Concentration on Sweet Corn Production (*Zea mays saccharata* Sturt). *JURNAL AGROPLANT*, 4(2), 19-28.
- Alpandari, H., E.T.S. Putra, and C. Wulandari. 2019. The Effects of Urea Fertilizing Techniques on Growth and Yield of Corn in Vertisol Playen, Gunungkidul. *Agricultural Science*, 4(3), 117-122.
- Asmuliani, R. and F. Fatmawati. 2024. Response of Sweet Corn Baby Corn (*Zea mays Saccharata* Sturt) to Various Planting Distances and Weeding Times. *Perbal: Journal of Sustainable Agriculture*, 12(2), 145-153.
- Asnita, A. and A. Resdiar. 2023. The Effect of Planting Distance and Weed Control Methods on the Growth and Production of Corn (*Zea mays*. L). *Biofarm: Scientific Journal of Agriculture*, 19(2), 358-368.
- Aziz, I.A. 2024. *The Effect of ZA Fertilizer on the Growth and Yield Components of Sweet Corn (Zea mays saccharata Sturt)*. Thesis. Bogor Agricultural University. pp. 13-17
- Central Bureau of Statistics. 2023. Harvest Area, Production, and Productivity of Sweet Corn by Province, 2022-2023. <https://www.bps.go.id/id/statistics-table/2/MjIwNCMy/luas-panen--produksi--dan-produktivitas-jagung-menurut-provinsi.html>. Accessed on November 30, 2024.
- Behboud, R., A. Moradi, R. Piri, B. Dedicova, B. Fazeli-Nasab, and M. Ghorbanpour. 2024. Sweet Corn (*Zea mays* L.) Seed Performance Enhanced Under Drought Stress by Chitosan and Minerals Coating. *BMC Plant Biology*, 24(1), 99–115.

- Bima, A. 2024. The Effect of Planting Distance and Urea Fertilizer on the Growth and Yield of Corn (*Zea mays* L). *JPSL: Journal of Education, Social and Environment*, 2(2), 28-39.
- Cassim, B. M. A. R., M.R. Besen, W.D. Kachinski, C.R. de Almeida Junior, J. H. V Sakurada, and M. A. Batista. 2022. Nitrogen Fertilizer Technologies for Corn in Two Yield Environments in South Brazil. *Plants*, 11(14), 18–90.
- Chaniago, N. and M.Z. Bakri. 2023. Quantitative and Qualitative Characteristics of Several Sweet Corn Varieties (*Zea mays saccharata*) with Conventional and Jajar Legowo Planting Systems. *Agriland*, 11(2), 52-66.
- Darmanto, D., M. Riadi, and N. Dungga. 2020. The effect of KNO_3 on growth and result of three sweet corn varieties (*Zea mays saccharata* Sturt). *Advances in Environmental Biology*, 14(7), 18-22.
- Erythrina. 1999. The use of leaf color charts for efficient urea fertilization in paddy rice. Medan: Basic Training II PPL. 10 pp.
- Evansyah, E. 2022. *The Effect of Various Dosages of Urea Fertilizer on Sweet Corn (Zea Mays L.) as an Intercropping Plant in Oil Palm Plantations (Elais Guineesis Jacq.) Tbm 1*. Dissertation, University of Jambi. 80 pages
- Fitriyah, N. 2019. Growth and Production Response of Sweet Corn (*Zea mays saccharata*) under Dry Stress and Low Nitrogen Conditions. *Hijau Cendekia Scientific Journal*, 4(2), 74-77.
- Fitriyah, N., W. Rahmatika, and S. C. Melya. 2024. Combination of Goat Manure and Potassium Nitrate (KNO_3) on Growth and Flowering Rate of Sweet Corn (*Zea mays saccharata* sturt). *VIABEL: Scientific Journal of Agricultural Sciences*, 18(1), 40-48.
- Habibah, K. 2023. *The Effect of Various Dosages of Nitrogen Fertilizer on the Production of Sweet Corn (Zea Mays Saccharata L.) Top Green Variety*. Dissertation, Lampung State Polytechnic. 76 pp.
- Harborne, J. B. 1987. Phytochemical Methods, A Guide to Modern Methods of Analyzing Plants. Bandung: ITB Press. 147 pages.
- Hidayah, U., P. Puspitorini, and A. Setya. 2017. The Effect of Urea Fertilizer and Chicken Manure on the Growth and Yield of Sweet Corn (*Zea mays Saccharata* Sturt.) Gendis Variety. *VIABEL: Scientific Journal of Agricultural Sciences*, 10(1), 1-19.
- Hidayat, T. 2023. Growth and Yield of Sweet Corn (*Zea Mays Saccharata* Sturt.) on Several Types of Organic Mulch and Different Planting Distances. *Florateg Journal*, 18(1), 1-7.
- Hidayatullah, T., I. Suliansyah, E. Swasti, and I. M. J. Mejaya. 2025. Evaluation of Yield and Productivity of 20 Single-Cross Maize Hybrid Combinations. *Jurnal Biologi Tropis*, 25(2), 1690-1696.

- Irawan, G. C., S. Jali, and D. Novita. 2023. The Effect of Chicken Manure and KNO_3 Fertilizer Application on the Components and Yield of Glutinous Corn (*Zea mays Ceratina*). *AGRONITAS*, 5(1), 111-121.
- Jovanić, B. R., B. Radenković, M. Despotović-Zrakić, Z. Bogdanović, and D. Barać. 2022. Effect of UV-B Radiation on Chlorophyll Fluorescence, Photosynthetic Activity, and Relative Chlorophyll Content of Five Different Corn Hybrids. *Journal of Photochemistry and Photobiology*, 10(2), 100–115.
- Kantikowati, E. and D. Juniar. 2023. Growth Characteristics and Yield of Corn (*Zea Mays* L.) Variety Bisi 18 Due to Urea Fertilizer Application: Indonesian Language. *AGRO TATANEN | Scientific Journal of Agriculture*, 5(1), 1-11.
- Kantikowati, E. and I. H. Khotimah. 2022. Growth and Yield of Sweet Corn (*Zea mays Saccharata* Sturt) Paragon Variety Due to Planting Distance and Seed Quantity. *AGRO TATANEN | Scientific Journal of Agriculture*, 4(2), 1-7
- Kholid, M., W. Wangiyana, and I. M. Sudantha. 2023. The Effect of Various Planting Distances and Soybean Intercropping on the Growth and Yield of Sweet Corn (*Zea mays saccharata* Sturt). *Agrokomplek Student Scientific Journal*, 2(1), 81-90.
- Kurnia S, R. 2021. *The Effect of White KNO_3 Dosage on the Growth, Production, and Potassium Absorption of Sweet Corn (*Zea mays Saccharata* Sturt)*. Dissertation, Faculty of Agriculture, Brawijaya University. 90 pp.
- Larasati, I. and N. Aisyah. 2023. The Effect of Substituting Chemical Fertilizers with Organic Fertilizers on the Chemical Properties and Productivity of Corn in Alfisol Jumantono. *Journal of Soil and Land Resources Vol*, 10(1), 57-64
- Pernitiani, N. P., U. Made, and A. Adrianon. 2018. The Effect of Various Doses of Nitrogen Fertilizer on the Growth and Yield of Sweet Corn (*Zea mays saccharata*). *AGROTEKBIS: JOURNAL OF AGRICULTURAL SCIENCE (e-journal)*, 6(3), 329-335.
- Pribadi, D. U., Sutini, and M. Sodik. 2022. *Cultivation of Sweet Corn*. Yogyakarta: Graha Ilmu. 156 pp.
- Purba, E. P. 2020. The Effect of Planting Distance and Planting Hole Depth on the Growth and Production of Sweet Corn (*Zea mays saccharata* Sturt.). *Juripol (Journal of the Ganesha Polytechnic Institute, Medan)*, 3(2), 116-128.
- Ramadhan, B. N. and L. Abdullah. 2023. Growth and Production of Sweet Corn (*Zea mays saccharata*) Forage Given Different Nitrogen Fertilization and Harvest Age Treatments. *Jurnal Triton*, 14(2), 349-358.

- Ramadhan, I. W. 2019. *The Effect of Urea Fertilizer and Planting Distance on the Growth and Yield of Sweet Corn (Zea mays saccharata)*. Dissertation, Sriwijaya University. 83 pp.
- Ramadhani, R. H., M. Roviq, and M.D. Maghfoer. 2016. *The Effect of Nitrogen Fertilizer Sources and Urea Application Time on the Growth and Yield of Sweet Corn (Zea mays saccharata)*. Dissertation, Brawijaya University. 70 pp.
- Ridha'i, A. T. W. and K. P. Wicaksono. 2024. Effect of Nitrogen Fertilization Dosage on Growth and Yield of Three Varieties of Glutinous Corn (*Zea mays var. ceratina*). *International Journal of Environment, Agriculture and Biotechnology*, 9(4), 1-8.
- Rosyidah, A. and I Murwani. 2022. The Effect of Several Doses of KNO_3 Fertilizer on the Yield and Quality of Paragon Variety Sweet Corn. *AGRONISMA*, 11(1). 1-11.
- Salatun, M. 2022. *Growth Response and Production of Sweet Corn at Various Planting Distances and Bioboost Concentrations*. Dissertation, Hasanuddin University. 70 pp.
- Saputra, H., and Z Mutaqin. 2020. Optimization of Growth and Yield of Sweet Corn in Various Planting Densities. *Jurnal Planta Simbiosa Volume*, 2(2), 1-19.
- Sastrosupadi, A. 1995. *Practical Experimental Design in Agriculture*. Yogyakarta: Kanisius. 224 pages.
- Shaila, G., A. Tauhid, and I. Tustiyani. 2019. The Effect of Urea Dosage and Humic Acid Liquid Organic Fertilizer on the Growth and Yield of Sweet Corn. *Agritrop: Journal of Agricultural Science*, 17(1), 35-44.
- Siallagan, C. R., S. Sutini, D.U. Pribadi, and R. M. Kusuma. 2021. Sweet Corn (*Zea mays saccharata* Sturt) Cultivation Technology of the Bonanza Variety Using Planting Distance Arrangement and NPK Fertilizer Use. *NST Proceedings of Modern Agricultural Science and Technology*, 2021(1503), 11-18.
- Suryono, S., J. Syamsiyah, and D. Sulistyaningrum. 2021. *The Effect of Planting Distance and ZA Fertilizer Dosage on the Availability and Absorption of N and S Using Peanut (Arachis hypogaea L.) as an Indicator Plant in Alfisols Karanganyar*. Dissertation, Sebelas Maret University. 80 pp.
- Suwarti, F. N. and N. Suwardi. 2020. The Combination of Planting Distance and Fertilizer Dosage (ZA and KCl) on the Growth and Seed Yield of F1 Variety Bima 20. *Agriprima: Journal of Applied Agricultural Sciences*, 4(2), 178-189.
- Syamsia and Kasifah. 2019. Hybrid Corn Seed Production Using a No-Till Planting System (TOT). *Jurnal Dinamika Pengabdian*, 5(1), 49-56.

- Tabri, F., M. Aqil, and R. Efendi. 2018. Testing the Application of Various Levels of ZA Fertilizer Dosage on Corn Productivity and Quality. *Indonesian Journal of Fundamental Sciences*, 4(1), 112–122.
- Temeche, D., E. Getachew, and G. Hailu. 2024. Optimize Planting Density and Nitrogen Fertilizer Rate on Green Cob and Grain Yield of Maize (*Zea Mays* L.) Under Irrigation in North Shewa, Ethiopia. *Heliyon*, 10(17), 11-21.
- Uliyah, V. N., A. Nugroho, and N.E. Suminarti. 2017. Study of Planting Distance Variation and Potassium Fertilization on the Growth and Yield of Sweet Corn. *Jurnal Produksi Tanaman*, 5(12), 2017–2025.
- Utomo, W., M. Astiningrum, and Y. E. Susilowati. 2017. The Effect of Mycorrhiza and Planting Distance on Sweet Corn Yield (*Zea mays* Var. *Saccharata* Sturt). *VIGOR: Journal of Tropical and Subtropical Agriculture*, 2(1), 28-33.
- Veriska, L., N. Rochman, and N. Yulianti. 2022. Growth, Production, and Quality of Black Corn (*Zea mays* L.) at Various Dosages of Potassium Nitrate. *Jurnal Agronida*, 8(2), 93-101.
- Wahyudi, I. 2019. *Application of Black Silver Plastic Mulch Technology to Increase the Production of Large Red Chili Plants in Bonto Marannu Village, Uleere District, Bantaeng Regency*. Thesis. Agribusiness Study Program. Faculty of Agriculture, Muhammadiyah University Makassar. 90 pages.
- Wahyudi, Z. 2022. *Growth and Production Response of Purple Corn (Zea Mays Var Ceratina Kulesh) to Superior Plant Hormones and Grand-K*. Dissertation, Riau Islamic University. 80 pages.
- Wahyurini, E., B. Supriyanta, and A. Suprihanti. 2022. Cultivation Techniques and Genetic Diversity of Sweet Corn. *Institute for Research and Community Service, UPN "Veteran" Yogyakarta*, 2(1), 27-28
- Waskito, M. A., P. Hadi, Widiastuti, and M. Ihsan. 2023. Study of POC Concentration and Petro ZA Plus Dosage on Chili Peppers in Masaran Sragen. *Jurnal AgroN0mika*, 21(2), 16-21
- Widiastuti, E., A. Yekti, and R. Rajiman. 2022. Production Parameters of Long Bean Seeds with Planting Distance and White KNO₃ Fertilizer. *Scientific Journal of Agricultural Students*, 7(4), 11-15.
- Wirastiti, N. K., K. Setiawan, and T.K. Manik. 2024. Growth Rate and Production of Hybrid and Local Maize (*Zea mays* L.) in Response to Various Doses of Nitrogen Fertilization. *Jurnal Teknik Pertanian Lampung (Journal of Agricultural Engineering)*, 13(4), 1077-1089.
- Yunaning, S., J. Junaidi, and R. Probojati. 2022. The Effect of Goat Manure and Urea Fertilizer Dosage on the Growth and Yield of Sweet Corn (*Zea mays* var. *saccharata* Sturt.). *JINTAN: National Agricultural Science Journal*, 2(1), 7-9.