

## BIBLIOGRAPHY OF SEED SYSTEM RESOURCES

- Abate, T., Fisher, M., Abdoulaye, T., Kassie, G.T., Lunduka, R., Marennya, P., Asanke, W., 2017. Characteristics of maize cultivars in Africa: how modern are they and how many do smallholder farmers grow? *Agric. Food Secur.* 6, 30. <https://doi.org/10.1186/s40066-017-0108-6>.
- Access to Seed Index. 2020. Access to Seeds Index 2019 Eastern and Southern Africa. Access to seed Foundation, Amsterdam, Netherlands. <http://www.accesstoseeds.org/index/eastern-southern-africa/>.
- Alliance for a Green Revolution in Africa. (2021). *Harnessing The Seed Sector in South Sudan: A Case Study*. Pp 40. <https://agra.org/wp-content/uploads/2022/09/Harnessing-the-seed-sector-in-South-Sudan.pdf>
- Alliance for a Green Revolution in Africa. (2017). *Seeding an African Green Revolution: The PASS Journey*. Nairobi, Kenya: AGRA. *Seeding an African Green Revolution: The PASS Journey*. (Eds) J DeVries, Z Masiga, T. Harris. Pp 192. <https://agra.org/wp-content/uploads/2018/02/PASS-Book-web.pdf>
- Alliance for a Green Revolution in Africa. (2021). *Harnessing The Seed Sector in South Sudan: A Case Study*. Pp 40. <https://agra.org/wp-content/uploads/2022/09/Harnessing-the-seed-sector-in-South-Sudan.pdf>
- Akinbo O, Obukosia S, Ouedraogo J, Sinebo W, Savadogo M, Timpo S, Mbabazi R, Maredia K, Makinde D and Ambali A .2021. Commercial Release of Genetically Modified Crops in Africa: Interface between Biosafety Regulatory Systems and Varietal Release Systems. *Front. Plant Sci.* 12:605937. doi: 10.3389/fpls.2021.605937.
- Almekinders, C. J. M., S. Walsh, K. S. Jacobsen, J. L. Andrade-Piedra, M. A. McEwan, S. de Haan, L. Kumar, and C. Staver. 2019. “Why Interventions in the Seed Systems of Roots, Tubers and Bananas Crops Do Not Reach their Full Potential.” *Food Security* 11: 23–42.
- Atlin, G.N., Cairns, J.E., and Das, B. 2017. Rapid breeding and varietal replacement are critical to the adaptation of cropping systems in the developing world to climate change. *Global Food Security* 12 (2017) 31–37.
- BMGF (Bill & Melinda Gates Foundation) & USAID. (2015). *Early generation seed study, a report compiled by Monitor-Deloitte and commissioned by BMGF and USAID*. BMGF (p. 122). Washington DC: Seattle WA, and USAID.
- de Boef W., Huisenga M., Atwood D., Mennel J., Dassel K., Prabhala P., Weddle J., Anderson K., Taintor M. 2015. *Early Generation Seed Study Full Deck*, BMGF and USAID, 2015. <https://docs.gatesfoundation.org/documents/BMGF%20and%20USAID%20EGS%20Study%20Full%20Deck.pdf>
- Chaikam, V., Molenaar, W., Melchinger, A.E., and Boddupalli P.M. 2018. Doubled haploid technology for line development in maize: technical advances and prospects. *Theor Appl Genet.* 2019; 132(12): 3227–3243. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6820599/>
- Chivasa, W., Worku, M., Teklewold, A., Setimela, P., Gethi, J., Magorokosho, C., Davis, N.J., Prasanna, B.M. 2022. Maize varietal replacement in Eastern and Southern Africa: Bottlenecks, drivers and strategies for improvement. *Global Food Security* 32 100589.
- CIMMYT. *Seed Production Technology for Africa (SPTA) Project. Modern and Pure Hybrids for African Farmers*. 2020. Project Brief. CIMMYT.

- Cramer, L. 2019. Access to Early Generation Seed: Obstacles for Delivery of Climate-Smart Varieties. *In: Rosenstock, T.S., Nowak, A., Girvetz, E. (Eds.), 2019. The Climate-Smart Agriculture Papers: Investigating the Business of a Productive, Resilient and Low Emission Future.* Springer International Publishing, Cham. <https://doi.org/10.1007/978-3-319-92798-5>
- FAO. (2010). Quality declared planting material: Protocols and standards for Vegetatively propagated crops. FAO plant production and protection paper 195. Rome.
- Funk, A. 2009. The African Seed Company Toolbox 52 Tools Every Seed Company Manager Should Know How to Use. Ed. Aline O'Connor Funk. Pp 188. <https://agra.org/wp-content/uploads/2020/09/The-African-Seed-Company-Toolbox.pdf>
- Spielman, D.J., Gatto, M., Wossen, T., McEwan, M., Abdoulaye, T., Maredia, M.K., Hareau, G., 2021. Regulatory Options to Improve Seed Systems for Vegetatively Propagated Crops in Developing Countries. IFPRI.
- Singh, R.P., Chintagunta, A.D., Agarwal, D.K., Kureel, R.S., Jeevan Kumar, S.P. 2020. Varietal replacement rate: Prospects and challenges for global food security. *Global Food Security* 25: 100324 <https://doi.org/10.1016/j.gfs.2019.100324>
- Spielman, D.J., Smale, M., 2017. Policy Options to Accelerate Variety Change Among Smallholder Farmers in South Asia and Africa South of the Sahara. IFPRI Discussion Paper 01666. IFPRI, Washington DC.
- Yaki, W. 2022. Molecular Markers: Their Importance, Types, and Applications in Modern Agriculture. *Agriculture, Forestry and Fisheries* 2022; 11(1): 8-14 <http://www.sciencepublishinggroup.com/j/aff> doi: 10.11648/j.aff.20221101.12
- Zhang, Y., Massel, K., Godwin, I.D., Gao, C. 2018. Applications and potential of genome editing in crop improvement. *Genome Biology* volume 19, Article number: 210. <https://genomebiology.biomedcentral.com/articles/10.1186/s13059-018-1586-y>