

## PUBLICATIONS OF DR. F. E. AWOSANMI

- (i) **Awosanmi, F. E.**, Ajayi, S. A. and Menkir, A. 2016. Impact of moisture stress on seed yield in tropical maize. *International Journal of Agriculture Innovations and Research* 4 (6): 1033 – 1038. ISSN: 2319 – 1473.
- (ii) Akinwale, R. O., **Awosanmi, F. E.**, Ogunniyi, O. O. and Fadoju, A.O. 2017. Determinants of drought tolerance at seedling stage in early and extra-early maize hybrids. *Maydica* 62 (1): 1 – 9. ISSN: 2279 – 8013.
- (iii) Adesanya, F. O., Fakorede, M. A. B., Ajayi, S. A., Maji, A. T., **Awosanmi, F.E.** and Olisa, F. 2018. Assessment of Germination Parameters, Accelerated Ageing and Conductivity Tests on Seeds of Upland Rice (*Oryza sativa* L.), *International Journal of Pure and Applied Bioscience* 6 (5):8-13. DOI: <http://dx.doi.org/10.18782/2320-7051.6832>.
- (iv) Oluwaranti A., Badmus O. T., Awoniyi S. O., Akintola A. M., Bankole O.O. and **Awosanmi F. E.** 2018. Comparative analysis of physiological seed quality and field performance of single-, three-way and double-cross hybrids of tropical maize germplasm. *Ife Journal of Agriculture* 30 (3): 83 – 98. <https://ija.oauife.edu.ng/index.php/ija/article/view/115>.
- (v) Bankole O. O., Oluwaranti A. and **Awosanmi F. E.** 2019. Water use efficiency of maize genotypes of different maturity groups at seedling and grain filling growth stages in a rainforest location. *International Journal of Plant and Soil Science* 29 (5): 1 – 11. DOI: [10.9734/ijpss/2019/v29i530154](https://doi.org/10.9734/ijpss/2019/v29i530154).
- (vi) **Awosanmi, F. E.**, Ajayi, S. A. and Baffoe, E. E. 2020. Influence of seed moisture content on short term storage of cowpea (*Vigna unguiculata* L. Walp) seeds. *Agriculturae Conspectus Scientificus* 85 (1): 37 – 42. <https://hrcak.srce.hr/235769?lang=en>.
- (vii) Bankole O., A. Oluwaranti, S. A. Ajayi and **F. E. Awosanmi**. 2020. Genotypic Variation of Different Maturity Groups of Maize (*Zea mays* L.) for Seed Physiological Quality. *Journal of Experimental Agriculture International* 42(5): 139-149. DOI: [10.9734/jeai/2020/v42i530527](https://doi.org/10.9734/jeai/2020/v42i530527).
- (viii) Oluwaranti A., **Awosanmi F. E.** and Amuda I. A. 2020. Genotypic Variation for Seed Physiological Quality and Agronomic Performance of Quality Protein Maize Genotypes. *Nigerian Journal of Seed Science* 4 (2): 53 – 65. ISSN: 2636 – 7165.

- (ix) Akinwale R. O., Fadoju A. O., Sulola B. H, Oluwaranti A and **Awosanmi F. E.** 2021. Inheritance of Seed Quality Traits and Concentrations of Zinc and Iron in Maize Topcross Hybrids. *African Crop Science Journal* 29 (1): 119 – 131 DOI: [10.4314/acsj.v29i1.8](https://doi.org/10.4314/acsj.v29i1.8).
- (x) Nnamani C. V., **Awosanmi F. E.** and Ajayi S. A. 2021. Screening of African Yam Bean Accessions for Imbibition and Seed Physiological Quality. *Journal of Agricultural Science* 13 (5): 81 – 90. ISSN: 1916-9760.
- (xi) **Awosanmi, F. E.**, Ogunleye, M., Awosanmi, G. O., Olisa, B. S. and Ajayi, S. A. 2021. Interactive influence of location and variety on physiological quality of cowpea seeds (*Vigna unguiculata* L. Walp). *Journal of Agriculture and Ecology Research International* 22 (4): 20 – 25. DOI: [10.9734/jaeri/2021/v22i430194](https://doi.org/10.9734/jaeri/2021/v22i430194).
- (xii) Ilesanmi R., Abayomi O., **Awosanmi F. E.** and Ajayi S. A. 2021. Maturity Classifications Influence the Phenological Intervals of Different Maize Varieties. *Journal of Experimental Agriculture International*, 43 (11): 231-239. ISSN: 2457-0591.
- (xiii) Olisa B. S., **Awosanmi F. E.**, Akinropo M. S., Ojo P. O., Ishiak K., Danlami A., Egbo N. J. and Okeke C. U. 2021. Differential response of commercial hybrid and open pollinated maize seeds to mechanical damage during seed processing. *Notulae Scientia Biologicae*, 13(4): 10738. DOI: 10.15835/nsb13410738.
- (xiv) **Awosanmi F. E.**, Ajayi S. A. and Menkir A. (2022). Impact of Moisture Deficit on Physiological Quality of Maize Seeds. *Agriculturae Conspectus Scientificus*, 87 (2), 93-101. <https://hrcak.srce.hr/279283>.

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- (xv) **Awosanmi, F. E.**, Ajayi, S. A. and Fasusi, G. M. 2014. Imbibition and germination response of extra-early maize seeds to varying temperatures. In Omokhafa K. O. and Odewale J. (Eds.) *Genetics: Public Awareness and National Transformation – Proceedings of the 38<sup>th</sup> Annual Conference of The Genetics Society of Nigeria, 19<sup>th</sup> – 23<sup>rd</sup> October 2014, Benin City, Edo State, Nigeria, ISBN: 0189 – 9686, 426 – 430.*
- (xvi) **Awosanmi F. E.** and Ajayi S. A. 2018. Compositional and vigour changes during seed development in West African Okra [*Abelmoschus caillei* (A. Chev.) Stevels]. Proceedings of the 4<sup>th</sup> Annual Conference of the Association of Seed Scientists of Nigeria, 24<sup>th</sup> – 28<sup>th</sup> June 2018, Akure, Ondo State, Nigeria, ISBN: 978-978-955-003-6, 175 – 179.

- (xvii) Awosanmi G. O., Hosu J. V. and **Awosanmi F. E.** 2018. Influence of harvest date on the viability of snake tomato (*Trichosanthes cucumerina* L.) seeds. Proceedings of the 4<sup>th</sup> Annual Conference of the Association of Seed Scientists of Nigeria, 24<sup>th</sup> – 28<sup>th</sup> June 2018, Akure, Ondo State, Nigeria, ISBN: 978-978-955-003-6, 194 – 197.