



Studies of Yield and Yield related Traits in some selected Hybrids of Maize (*Zea mays* L.) Genotypes

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Abstract: Three maize hybrids and a local check were evaluated at the Teaching and Research farm of Kebbi State University of Science and Technology, Aliero (KSUSTA) during 2018 growing season. Significant ($P < 0.05$) differences were recorded between the hybrids and local check with regard to days to Anthesis and days to Silking where Sammaz 34 and local varieties recorded longer days to attained 50% silking than Sammaz 17 and 14 this may be due to Sammaz 34 and local check are late and adopted varieties respectively but there were no significant differences on anthesis to silking interval and number of barren plants among the varieties, however, significant differences were recorded between the hybrids and a check for total yield where SAMMAZ-34 late maturing variety recorded the highest yield (8862Kg/ha) and local, the adopted variety recorded the least in yield (6862kg/ha).



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Publications: 1 Influence of Cultivar and Sokoto Phosphate Rock Levels on the Yield and Yield Components of Groundnut (*Arachis hypogaea* L.) in Dry Sub-Humid Sokoto Area, Nigeria
2 Estimates of Heritability for Enhanced Storage Shelf Life and Early Maturity in Onions (*Allium cepa* L.)
3 Genetic Diversity in Tomato Genotypes (*Solanum lycopersicum*) Based on Salinity Responsive Candidate Gene Using Simple Sequence Repeats
4 A Study on Effects of Salinity on Growth and Yield of Tomato Genotype (*Solanum lycopersicum*)
5 Heterosis for Enhanced Shelf Life and Earliness in Onions (*Allium cepa* L.) Genotypes

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