

























produce. The results of the study have also been confirmed in the study of Benavidez, Jackson, Maxwell and Norton (2018); Corwin and Yemoto (2015) who demonstrated that smart agriculture dimensions positively affect the crops that lead to high farm yield. Similarly, Solomon, Mungai and Radeny (2017); Zaccardelli, Pane, Vilecco, Palese and Celano (2018) and Nwibo and Okorie (2013); Asrat and Simane (2018) revealed that smart agri-preneurship measures, significantly improve farm yield.

## **CONCLUSION AND RECOMMENDATIONS**

This study revealed that hydroponics, geo-mapping and soil analysis have a more significant and positive effect on farm yield than drone agriculture and greenhouse farming. Results from the test of hypothesis show that drone agriculture was however, not a statistically significant predictor of farm yield. The dimensions of smart agri-preneurship accounted for 61.9% of the variance observed in farm yield. This study concluded that smart agri-preneurship dimensions have statistically significant combined effect on farm yield in South-West, Nigeria. Interestingly the study showed that smart agri-preneurship constituents promoted farm yields in South-West, Nigeria and this is a strong indicator for decision making when it comes to addressing food security and the type of agribusiness investments that will positively influence farm yield. The study recommends that farm yield remains a major indicator of food security in a developing country as Nigeria and smart agripreneurs who can deliver on healthy food options from productive farmlands will enjoy leverage. These agribusinesses led by smart agripreneurs have the potency to be strategically positioned for hegemony as land is limited and farming upwards is now an additional option for agripreneurs who have acquired large farms and aim to achieve high farm yield.

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