

YIELD AND EFFICIENCY OF PRECISION AGRICULTURE CROPS IN REGARDS TO NON PRECISION AGRICULTURE CROPS

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With exponential growth of human population, agricultural resources have become precious commodities. The development of global positioning systems (GPS) has led to the development of precision agriculture technology. Farmers adopt this technology in hopes of a more efficient, higher yield crops. However, flaws in precision agriculture, such as overlap in GPS, have led to unexpected costs in yield. In this study, yield and efficiency of precision agriculture plots is compared to non-precision agriculture plots. The plots from which the data was collected are under similar conditions such as seed type, region, and method of application. The data in this particular study finds that precision agriculture efficiently produces a higher yield than non-precision agriculture crops.