

## Sustainable Farming: Respon Petani Tanaman Pangan terhadap Kepemilikan Lahan Pertanian = Sustainable Farming: Food Crop Farmers Response to Agricultural Land Ownership.

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### Abstrak

Berbagai literatur menjelaskan bahwa penerapan praktik pertanian berkelanjutan berdampak positif terhadap pemenuhan kebutuhan pangan serta peningkatan kualitas hidup penduduk dalam jangka panjang. Namun, penerapan praktik ini di Indonesia masih sangat terbatas. Rendahnya rasio kepemilikan lahan diduga memberikan dampak negatif terhadap penerapan praktik tersebut. Penelitian ini dilakukan untuk menganalisis keterkaitan kepemilikan lahan pertanian dengan penerapan praktik pertanian berkelanjutan. Sumber utama data yang digunakan berasal dari Survei Struktur Ongkos Usaha Tanaman Pangan 2017. Metode OLS dan 2SLS diterapkan untuk mengestimasi dampak kepemilikan lahan pertanian. Hasil regresi menunjukkan bahwa lahan milik sendiri memotivasi petani untuk menerapkan praktik pertanian berkelanjutan.

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Many literatures explain that adoption of sustainable agriculture practices has positive impact for meeting food needs and improving population life quality in the long run. However, adoption of this practice in Indonesia is still very limited. The low land ownership ratio is guessed to have a negative impact on adoption of these practices. This research aimed to analyze relationship between agricultural land ownership and adoption of sustainable agriculture practices. The main source is 2017 Food Crop Cost Structure Survey. OLS and 2SLS methods are applied to estimate the impact of agricultural land ownership. Regression results indicate that private land motivates farmers to adopt sustainable agricultural practices.