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
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Agriculture and Forestry

A Study on Azolla as a Nitrogen Source in Rice Farming

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 [Keywords](#)  
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**Abstract:** This study was conducted to determine the best combination of azolla (Azolla anabaena) and N fertilizer under Menemen ecological conditions in 1996 and 1997. The A. mexicana genotype of azolla was brought from the International Rice Research Institute (IRRI) and adapted to the Aegean region of Turkey. The results of study showed that the combination azolla+N fertilizer yielded approximately 356 kg/da of rice under Menemen second crop conditions. It was also concluded that the use of azolla will lead to a 1/3 reduction in the N demand of a rice crop.

**Key Words:** Rice, azolla, organic nitrogen, mineral nitrogen, protein rate.

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