

## Effect of Green Manuring Jantar (*Sesbania acculata*. L.) on the Growth and Yield of Crops Grown in Wheat-Based Cropping Systems

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**Abstract :** A proposed field study of wheat-based cropping systems was conducted at Faisalabad (Post-Graduate Research Station). We used 7 treatments and Jantar as a green manuring crop to increase the fertility status of soil; after the vegetative phases of wheat, rice, sorghum, and mungbean, the agronomic parameters of these crops were recorded. Hopefully, all increased with jantar treatment when compared with controls. The benefit: cost ratio and physicochemical characteristics of the soil before and after the crop harvest were also calculated.

**Keywords :** benefit cost ratio, jantar, sunflower, rice, wheat

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