Asian Journal of Advances in Agricultural Research

Volume 24, Issue 8, Page 36-45, 2024; Article no.AJAAR.120711
ISSN: 2456-8864

Influence of Auxin on Flowering, Fruit Set and Yield Performance of Yard Long Bean (*Vigna unguiculata* var. *sesquipedalis*)

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Authors' contributions

This work was carried out in collaboration among all authors. All authors read and approved the final manuscript.

Article Information

DOI: https://doi.org/10.9734/ajaar/2024/v24i8535

Open Peer Review History:
This journal follows the Advanced Open Peer Review policy. Identity of the Reviewers, Editor(s) and additional Reviewers, peer review comments, different versions of the manuscript, comments of the editors, etc are available here: https://www.sdiarticle5.com/review-history/120711

Original Research Article

Received: 25/05/2024
Accepted: 27/07/2024
Published: 01/08/2024

ABSTRACT

The field experiment was conducted at the Horticultural Farm, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh, to study the effects of different levels of nutrient management and the growth regulator Auxin on the growth and yield of yard-long bean. The experiment was laid out in a randomized complete block design (RCBD) consisted with two factors. Factor A: four levels of nutrient management; i) N_0: control (N_0, P_0, K_0) Kg/ha; ii) N_1: (N_{12} P_{18} K_{22}) Kg/ha; iii) N_2: (N_{18} P_{27} K_{33}) Kg/ha; iv) N_3: (N_{24} P_{36} K_{44}) Kg/ha. Factor B: three levels of auxin (indole acetic acid); i) I_0: control (0

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***Cite as:** Nahid, Ridwana Afrin, Banalata Das, Md. Nahid Parvez, Thamina Akter, and Jasim Uddain. 2024. "Influence of Auxin on Flowering, Fruit Set and Yield Performance of Yard Long Bean (Vigna Unguiculata Var. Sesquipedalis)". Asian Journal of Advances in Agricultural Research 24 (8):36-45. https://doi.org/10.9734/ajaar/2024/v24i8535.*