

Research Article

Extent of adoption of rice varieties recommended by Assam Agricultural University (AAU), Jorhat

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SUMMARY : At present, rice occupies about two-third of the total cropped area (25 lakh ha) in the state of Assam. Being the single major source of agricultural GDP, rice plays a significant role in the state economy. A study was conducted in districts of Karimganj, Lakhimpur and Jorhat of Assam to assess the extent of adoption of rice varieties recommended by AAU, Jorhat. A purposive sampling technique was followed and statistical methods such as percentage, frequency, mean and ranking were used for analysing the data. Data were collected through personal interview method during the period of 2010-11. A total of 360 respondents were interviewed with the help of the structured schedule. Among the various AAU recommended rice varieties cultivated in Karimganj district 'Ranjit' was the most widely adopted (100%) followed by 'Bahadur' (60.83%). In Lakhimpur district 'Ranjit' (62.50%) was followed by 'Mahsuri' (27.50%). Whereas in Jorhat district 'Ranjit' was adopted by 92.50 per cent respondents followed by 'Bahadur' (40.00%). Positive and significant correlation can be observed between the extent of adoption of AAU recommended rice varieties with age, family size and operational land holding.

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