

Correlation Matrix Between Temperature, Growth And Yield Of BN Hybrid During rabi Season

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ABSTRACT

Field experiment was conducted to study the seasonal influence (mean and minimum) on growth, yield and quality characters of BN hybrid at Acharya NG Ranga Agricultural University Hyderabad. The mean and minimum temperatures of 19.6, 20.9 °c and 10.7 and 12.1 °c were reported during 1 and II cut period. Negative correlation was found significant at 0.01 level between number of leaves clumpe⁻¹ and mean and minimum temperature thereby causing significant reduction in green and dry fodder yield of BN hybrid. It is also established that plant height and number of tillers clump⁻¹ had significant positive correlation with green and dry fodder yield of BN hybrid.

Key words : Bajara napier hybrid, Correlation, Mean, Minimum temperature, Seasonal variation