Population dynamics of sap feeders in urd bean [Vigna mungo (L.) Hepper] and their correlation with abiotic factors

UMESH CHANDRA, KUMUD SINGH, H.M. SINGH AND RAKESH KUMAR

International Journal of Plant Protection (October, 2010), Vol. 3 No. 2 : 274-275

SUMMARY
A field experiment was conducted during Kharif 1997 and 1998 to time out the sixteen insect pests population associated with urd bean [Vigna mungo (L.) Hepper] at different stages of crop grown stages. Out of these five sap feeders viz., Bemisia tabaci, Empoasca sp. Dysdercus koennigii, Gurgara mixta, Leptocorisa acuta and Nezara viridula were observed to infest in urd bean. The population of whitefly was negatively correlated and jassid, red cotton bug, phalsa bug, gundhi bug and green bug were positively correlated with minimum, maximum temperature, relative humidity and rainfall during both the years.

Key words:
Incidence,
Defoliators,
Vigna mungo