

## **Management Economics of *Urdbean (Vigna mungo)* Viral Diseases**

**N Janaki Ratnam, V Manoj Kumar, J Krishna Prasadji, M Adinarayana and P V Krishnayya**

Department of Plant Pathology, Agricultural College, Bapatla 522 101, Andhra Pradesh

### **ABSTRACT**

Field experiment was conducted during *rabi* 2013-14 for the management of virus diseases (*MYMV*, leaf curl and leaf crinkle) in *urdbean*. Among seven treatments tested in randomized block design with three replications, seed treatment with imidacloprid @ 5 g/kg seed followed by insecticidal spray with thiamethoxam @ 0.05 % at 30 DAS resulted in effective control of virus diseases and their vectors. Significant increase in shoot length, number of primary branches per plant, number of pods per plant, 100 seed weight, seed yield and highest B:C ratio was recorded with seed treatment with imidacloprid @ 5 g/kg seed followed by insecticidal spray with thiamethoxam @ 0.05 % at 30 DAS. Seed treatment followed by insecticidal protection at 30 DAS was found to be effective and economical in control of virus diseases and their vectors.

**Key words :** *MYMV*, Leaf crinkle, Leaf curl and Management.