

YMV Tolerance in Blackgram – Boon to Farmer for prosperity

For largescale popularization of YMV resistant varieties of Blackgram, the CFLD in Blackgram was implemented in Govindapalle, Chennur and Kaminenipalle villages of Sirivel mandal in the district during Rabi, 2016. S.Ramakrishna Reddy, a progressive farmer of Chennur village, who tried many available varieties of Blackgram in his field of 15 acres during last two years and was not successful in identifying best suitable variety was given with LBG 787 and TBG 104 varieties under CFLD (Blackgram) during this season. All the CFLD farmers were given the critical inputs of Seed, Seed treatment chemical (Imidacloprid), Yellow Sticky Traps 20/ac, PP Chemicals (Neem oil, *Emamectin benzoate*, Dichlorovos and Hexaconazole) for management of pests and diseases. Two training programmes were conducted one pre seasonal and one mid seasonal for imparting knowledge on crop management, INM and IPM. The CFLDs were regularly visited for diagnosis of pests and diseases and timely advisories were given, based on which the farmers have taken up sprayings. A field day was conducted at the farmers field, to show the performance of different varieties against YMV and also the yield. The farmers interacted with Scientists of KVK and updated their knowledge of the crop.

The farmer has got 21.79 % and 8.97% yield advantage compared to PU 31 variety, apart from good management of Whitefly, Maruca, Pod borer and Powdery mildew disease. This was resulted due to timely diagnosis of the problem and sprayings. He has taken up 3 sprayings in the entire season as against 4-5 sprays taken up by his fellow farmers, with a saving of Rs. 2,550/- per ha. He got additional net returns of Rs. 34,075/-per ha with TBG 104 and Rs. 17,825/- per ha with LBG 787.