



**RASS- Krishi Vigyan Kendra
Vanasthali, Karakambadi (P), Renigunta (M), Chittoor (Dt.) – 517520**



Significant Activity for the month of November, 2021

“Diagnostic field visits to Cyclone effected areas”

Scientists of RASS – Krishi Vigyan Kendra accompanied in diagnostic field visits to cyclone effected areas along with the team of RARS scientists, Tirupati and officials of Agricultural Department during the month of November.

The team visited Thottambedu, B. N. Kandriga & KVB Puram mandals of Srikalahasthi division on 15th November 2021. The overall observation is that, there is not much damage to the crops in the division due to cyclone as the farmers have not yet taken up sowings / transplantation for the Rabi season. Most of the paddy fields are in preparatory cultivation stage, with some at paddy nurseries stage, and a meager area completed under transplantation. Groundnut sowings are yet to be done while blackgram crop which is about 40 days stage is partially affected due to cyclone.

In Chiyavaram village of Thottambedu mandal, TBG 104 Blackgram crop which is about 40 DAS was affected due to partial submergence. About 14.5 acres of Blackgram field was damaged due to water flow and silting. In view of severe weed growth, farmers were advised to spray broad spectrum post emergence weedcide Sodium Acifluorfen 16.5% + Clodinafop Propargyl 8% EC (Iris / Patela) @ 400 ml per acre after drying of the field. Flea beetle damage and caterpillar incidence were observed in Blackgram. Farmers were advised to spray Acephate 1.0 g or Chlorpyrifos 2.5 ml or quinalphos 2.0 ml or Thiodicarb 1.0 g per litre. In case of severe incidence in later stages, farmers were advised to spray either Novoluron 1.0 ml or Spinosad 0.3 ml or Emamectin benzoate 0.4 g or Chlorantraniliprole 0.3 ml or Flubendiamide @ 0.2 ml/litre water.

In Thottambedu and KVB Puram mandals, severe incidence of leaf folder was observed in transplanted paddy fields which are about 30-40 DAT and farmers were advised to apply Cartap Hydrochloride 4G granules @ 8 kg/acre. In case if the incidence still persists even after 15-20 days of application of granules, farmers can spray Profenophos @ 2.0 ml or Chlorpyrifos @ 2.5 ml or Monocrotophos 36 SL @ 1.6 ml or Chlorantraniliprole 0.4ml or Cartap hydro chloride 2.0g, Flubendiamide 20WDG 0.25g or 48SC 0.4 ml/litre of water.

Farmers who are growing paddy nurseries were advised to apply 1 kg of Carbofuran granules per 5 cents nursery to manage leaf folder and stem borer in the nursery itself.

In OBR Kandriga Village of Pichatur Mandal brinjal fields were severely affected with Ash weevil, shoot and fruit borer and little leaf in brinjal. Suggested to spray Profenophos @ 2ml along with Neem oil @ 5ml per ltr of water.

In Ramapuram village of Pichatur Mandal, Tuberose crop was identified as severe inundation due to floods and affected with Phyllody, Leaf and Floral bud blight, nematode and sclerotial corm rot diseases. Suggested soil application of 2 kg each of Trichoderma viride ad Pseudomonas fluorescence mixed with 100 kg of Neem cake, spraying of Fipronil @ 2ml/litre and Carbendazim @ 2g/litre, drenching of Zineb @ 2g/litre or Fosetyl A @ 1g/litre.



Team of scientists from RARS, Tirupati, RASS –KVK and dept of Agriculture monitoring crop damage due to floods and recommending suitable measures to farmers.