



कृषि प्रौद्योगिकी अनुप्रयो अनुसंधान संस्थान

**AGRICULTURAL TECHNOLOGY
APPLICATION RESEARCH INSTITUTE**

ICAR-ATARI, ZONE-X, HYDERABAD



KVK : Medak (Tuniki)
Date : 25.07.2023 (Tuesday)
Title : “Awareness programme on role of biofertilizers and bio pesticides in improving the yields in organic farming and diagnostic visit in cotton & Field visit in paddy”
Venue : Kusangi (vlg), Tekhmal (MndI)
Activity : Awareness programme and diagnostic visit

Activities:

- Awareness was created to farmers about different biofertilizers and bio pesticides and their role in organic farming.
- Explained about the advantages of Azatobacter, PSB & KSB, about their role in increasing the nutrient use efficiency and explained about the mode of action of various biofungicide like pseudomonas, trichoderma and bio pesticides like Bt, Metarhizium, etc.,
- Explained to farmers about the advantages of prophylactic spraying of these above biopesticides in controlling the pest & diseases and keeping the pest below the economic threshold level.
- Diagnostic field visit was carried out in cotton where water logging due to heavy rains was observed. Advised the farmers to go for Drenching with Copper oxychloride@3gr/ltr to control of fusarium wilt in cotton and also suggested to the farmers to spray 19:19:19 @5 g /liter twice in a weekly interval as the leaves may become light yellow due to high moisture in the soil and carried out field visit of paddy. The crop was transplanted 5 days ago. Advised the farmer to use biofertilizers by mixing 1 liter of PSB and Azatobacter along with 100 kgs of vermicompost which will improve the nutrient use efficiency.

Participants & No: Farmers & 10

