



# कृषि प्रौद्योगिकी अनुप्रयो अनुसंधान संस्थान AGRICULTURAL TECHNOLOGY APPLICATION RESEARCH INSTITUTE

ICAR-ATARI, ZONE-X, HYDERABAD



**KVK** : KVK- Palem  
**Date** : 01.08.2024  
**Title** : Follow up visit to HDPS cotton fields.  
**Venue** : Yathmathapur Village

## Activity:

Recorded observations in area of 25 sq.mt. randomly to assess the performance of HDPS cotton.

1. Hybrid - RCH 929 for HDPS and Sadhanandhan for Conventional method of cultivation.
2. The crop is at 53 DAS.
3. Sucking Pest was observed.
4. Suggested Acephate (50%)+Imedachlorpride (1.8%SP) to control sucking pest.
5. Suggested to spray (PGR) Mepiquat chloride 5%.1ml/lit.
6. Plant to plant distance is 15 cm and row to row is 90 cm. Whereas in conventional methods spacing of 90 x 60 cm was followed.
7. 186 plants was observed per 25 sq. mts. Whereas 46 plants were observed in conventional methods.
8. Average. plant height is 62 cm.
9. Plants are with 14 internodes .
10. The length of the top five internodes was 20 cm.
11. Squaring was observed in all plants.

**Staff participated:**R.Raghuvaran Singh - YP 2, Rajesh, Harish, Ganeshwar -YP 1 & 4 farmers.

