

Report of MGMG Team, ICAR- DOGR, Pune

Date:29.4.2026

As part of the **Intensive Awareness Campaign for Adoption of Science Based Nutrient and other Input Management**, MGMG team of Scientists visited Kanhewadi village in Khed Taluk, Pune, to sensitize farmers on judicious use of fertilisers and other inputs using science based technologies and tools.

The team conducted an awareness meeting with more than 24 participants, including 6 women farmers. The Sarpanch of the village, Shri. B.D.Kobal, also participated in the programme. The team explained the objectives of the awareness campaign to all participants in detail.

During the session, farmers were informed about the different onion varieties and technologies developed by ICAR-DOGR, along with their potential benefits in improving productivity and income. Emphasis was laid on the importance of adopting improved technologies for sustainable agriculture. The team also highlighted the harmful effects of excessive use of fertilizers and chemicals on soil health and human health. Farmers were advised to use fertilizers and agrochemicals judiciously to maintain long term soil fertility and ensure safer agricultural practices.

The role of technology adoption in optimizing the use of fertilizers, pesticides, fungicides, and weedicides was also discussed. Simple method for testing seed germination percentage prior to nursery raising were explained to the participants. Additionally, farmers were guided on seed priming techniques to improve seedling health, proper nursery management practices, and treatments to be followed before transplanting.

The importance of integrated pest and nutrient management (IPM and INM) practices was explained to help farmers reduce input costs while maintaining crop health. Information on mobile application developed for the farmers including Decision Support System on balanced use of fertilizers in onion was also explained. The team also discussed the appropriate harvesting time for onions and various post-harvest management practices to minimize storage losses and improve market value.

It was observed that farmers in the village are currently not practicing onion storage and have not constructed storage structures. In this context, they were advised to adopt the low-cost onion storage structures developed by ICAR-DOGR. The team also informed them about the government subsidies available for the construction of such storage facilities, encouraging them to take advantage of these schemes to reduce storage losses in onion and enhance profitability.



Latitude: 18.94971
Longitude: 73.808206
Elevation: 646.23±1.11 m
Accuracy: 27.0 m
Time: 29-04-2026 10:30
Note: v

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Latitude: 18.949715
Longitude: 73.808221
Elevation: 646.23±1.52 m
Accuracy: 7.6 m
Time: 29-04-2026 10:27
Note: v

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