Extension activity at Adopted Village in Doiwala Block

Date: 3 February 2025
Organized by: Department of Soil Science, School of Agricultural Sciences

Under the esteemed guidance and blessings of Shri Mahant Devendra Das Ji Maharaj, President of SGRR University Dehradun, the School of Agricultural Sciences conducted an extension activity on 3 February 2025 at Doiwala Block. The primary objective of the visit was to deliver training sessions on organic farming and soil testing, with a focus on promoting sustainable agricultural practices. The event witnessed enthusiastic participation from approximately 50 farmers.

Key Activities and Events

Hands-on Training on Organic Soil Amendments and organic farming

Dr. A.K. Saxena led an informative and practical session on using various organic sources of manure to enhance soil quality and fertility. Key highlights included:

- He shared practical information on making vermicompost and vermiwash**,** guiding farmers on the methods for efficient organic waste management and nutrient extraction.
- Application of Trichoderma for disease control and improved soil health.
- Benefits of Vesicular-Arbuscular Mycorrhiza (VAM)for enhancing nutrient absorption.
- Rational use of NPK fertilizers to balance soil fertility and optimize crop growth.
- Provided comprehensive information on the organic certification process and organic food processing, highlighting the steps and benefits involved in obtaining certification and processing organic produce to meet market standards.

Practical Demonstration on Shivansh Khad Preparation

Dr. V.K. Singh conducted a hands-on demonstration on preparing Shivansh Khad, a costeffective and nutrient-rich organic compost. The demonstration covered:

- Step-by-step procedures for compost preparation.
- Proper ratios of green and dry organic materials for optimal composting.
- Benefits of using Shivansh Khad for improving soil fertility and crop productivity.

Distribution of Seeds and Earthworms for Vermicomposting

To support the farmers in diversifying their crops and adopting sustainable agricultural practices, the following items were distributed:

- Basmati rice seeds
- Soybean seeds
- Vegetable seeds
- Earthworms for vermicomposting

This distribution aimed at encouraging organic farming and enhanced crop productivity through sustainable inputs.

Farmer Participation and Feedback

The participating farmers showed keen interest and actively engaged in discussions during the sessions. They appreciated the practical demonstrations and expressed their willingness to implement the knowledge gained on their farms.

This extension activity served as a vital platform for transferring technical knowledge and practical skills to the farming community of Doiwala Block. The comprehensive training sessions on organic farming, soil testing, and compost preparation empowered the farmers to adopt sustainable agricultural practices. The distribution of seeds and earthworms further equipped them to implement eco-friendly and innovative farming methods. The School of Agricultural Sciences remains dedicated to fostering meaningful engagement with farmers, contributing to agricultural development, and improving rural livelihoods through continued educational outreach.