

## Day 11- 08-06-2025

The team visited four villages such as Saspochey, Likir, Phyang and Phey. In saspochey and Likir, Introduction to VKSA KVKS role in Agriculture Integrated Pest Management. Importance of crop varieties in crop production. Office season cultivation of crops for extra income. Importance of Crop Rotation, Weeding. Intro to Mac doot Damini app, Post Harvest technology Modified environment packaging material Semi automatic seabuck thorn harvesting implements. Hand tool for seabuck harvesting. UV photo treatment for sterilization of juice without increasing the temperature. Apricot drying method. UT sponsored schemes Ladakh green House, Vermi compost unit, Rantak Renovation Mushroom Unit. Mulching. Drip Irrigation. KCC. Subsidized tools, Seeds and other inputs.

In phyang and Phey Miss Jigmat Tsomo from KVK Leh introduced the "Viksit Krishi Sankalp" initiative and outlined KVK's role in supporting farmers through training, demonstrations, and adoption of improved agricultural practices. These combined efforts aim to build a self-reliant and resilient farming community in Ladakh. Dr. Jigmat Stanzin from CAZRI emphasized efforts to modernize Ladakh's agriculture through sustainable, diversified farming. The department promotes high-yield, drought-resistant, and climate-resilient crops to improve productivity and food security. Horticulture is being encouraged to diversify income, while efforts are also underway to reduce reliance on tourism by reviving agriculture as a stable livelihood. Miss Ishey Dolma from the Agriculture Department highlighted initiatives like the Ladakh Greenhouse, drip irrigation, and mulching to extend growing seasons and improve resource efficiency. She also spoke about various schemes and subsidies that make modern practices more accessible to farmers. Dr. Tsewang Mutup from the Animal Husbandry Department stressed the importance of livestock in rural development. Dairy farming is being promoted, and farmers are supported with 50% subsidies on cattle feed and silage. Artificial insemination is also encouraged to enhance livestock productivity

Miss. Ishey Dolma from the Agriculture Department highlighted key interventions such as mulching, drip irrigation, and soil testing to enhance crop yield and conserve resources. She also introduced the concept of vermicomposting as a sustainable method to improve soil fertility using organic waste. Dr. Jigmat Stanzin from CAZRI (Central Arid Zone Research Institute) elaborated on the institute's role in promoting climate-resilient and location-specific farming technologies in Ladakh. He shared scientific practices for potato cultivation, suitable for the local agro-climatic conditions. Dr. Tsewang Mutup from the Animal Husbandry Department informed the villagers about subsidies on animal feed and raised awareness about livestock diseases such as Foot-and-Mouth Disease (FMD) and proteolysis, stressing the need for timely vaccination and care. The program concluded with an interactive session, where farmers actively participated and expressed interest in adopting the practices discussed.

### Feed back of the farmers

- Aphid and willow leaf beetle issue, composting & Vermicomposting, Mushroom cultivation technology, buckwheat cultivation
- issue on Quality of Potato seeds Rancidity in barley flour Vermi beds. availability or mustard were raised
- Farmers talked about their water scarcity problem and emphasized the need for more mulching subsidies & improved seed distribution
- Farmers in Phey seek support for seabuckthorn, apple orchards, animal center, organic training, quality seeds, and horticulture saplings.



