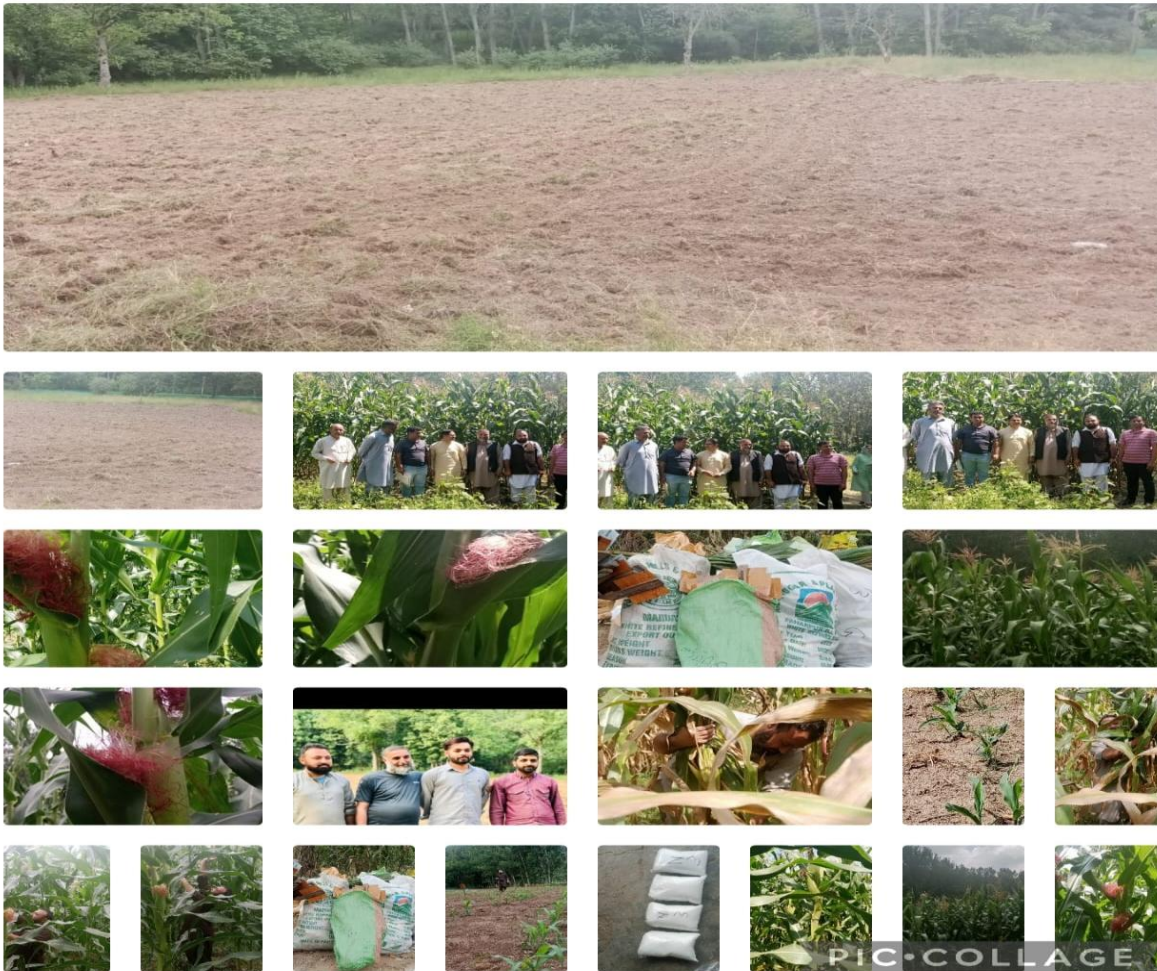


HIGHYIELDING, SUSTAINABLE AND STAPLE FOOD CROPS

Our experts at Faculty of Agriculture offer technical assistance to the small famers, food producers to enhance productivity of plant and animal-based food. In this context, research studies are conducted to address food security by assessing the performance of dual-purpose maize cultivars under varying nitrogen (N) regimes in temperate conditions. Maize, a significant cereal crop rich in proteins and soluble sugars during its vegetative stage, plays a crucial role in food production. Nitrogen, an essential nutrient for plant growth and development, is often limited in soils. Understanding how different maize cultivars respond to various N levels can have far-reaching implications for improving crop yield and quality. The research evaluates various agro-morphological parameters and nutritional aspects of the maize crop, with the goal of identifying the most suitable cultivar for temperate climates and optimizing N dosage to enhance both productivity and quality, contributing to food security and sustainable agriculture.

1.



Faculty members and students working on maize crop in the fields of UPR

2.



Dr. Amir Iqbal, Dr. Raees Ahmed and Mr. Bisharat working on staple wheat crop in UPR and local producers farm