

Maize (*Zea mays* L.)

Nomenclature: (DMRH-1417) ; Proposed Name: **Shalimar Maize Hybrid-5**

“An Inter-Institutional, Collaborative Single Cross Hybrid between SKUAST-K & IIMR-Ludhiana”



- **First hybrid for rainfed ecologies (85 %) of J&K [1550-1850 m amsl]**
- **Early maturing hybrid**
- **Average yield : 74q/ha (Superiority of 21 % over the check SMH-2)**
- **Resilience to moisture stress and recommended by NICRA for climate smart village programme**
- **Resistant to Charcoal Rot, Fusarium Stalk Rot, Stem borer and *Turcicum* Leaf Blight Disease**
- **Protein content : 9.02 % against 8 % for normal maize**
- **The optimum seed production ratio: 1 Male: 2 Female for realizing hybrid seed yield of 25q/ha**
- **B:C Ratio of 1: 2.72 against 1: 1.62 (check)**

Principal Breeder: Prof. Zahoor A. Dar