

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