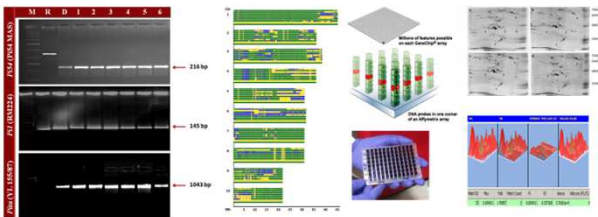


Rice (*Oryza sativa* L.)

Nomenclature: (SKUA-485) ; Proposed Name: **Shalimar Rice-6**

“First variety developed through DNA Marker-assisted selection from SKUAST-K”



- **Mushk Budji**: Short grained aromatic heritage Landrace.
-Witnessed a declining trend in its area due to rice blast.
- **Genetically improved version of *Mushk Budji*** [incorporated three genes for blast resistance (*Pi54+Pi1+Pita*)]
- **Similar Amylose content (16%) and Aroma as of *Mushk Budji*.**
- **Similar grain yield (45 q/ha) as of chemically managed *M. Budji*.**
- **Resistant to rice blast against check *Mushk Budji*** (that records ~70% yield loss)
- **Ecofriendly : Candidate for Organic Rice**
- **BC ratio: 1: 4.15 against 1: 0.54 for normal *Mushk Budji***

Principal Breeder: Dr. Asif Bashir Shikari