



Name : **Shalimar Rice 1 (SKUA 105)**
Notification No. : **S.O.1177 (E)**



Parentage	: IR-41643 /China-1007
Breeding Methodology adopted	: Pedigree method
Maturity	: Medium maturing (135-140 days after sowing under recommended ecology).
Grain Type	: Medium bold
Biotic Stress	: The variety exhibits tolerant reaction to blast disease under natural field conditions and moderately resistant reaction against major diseases under national screening trial.
Abiotic Stress	: The variety is tolerant to low temperature stress at the seedling stage.
Recommended regions	: Irrigated plains of Kashmir valley.
Areas of adoption	: All the districts of Kashmir valley upto an altitude range of 1700 m amsl.
Special attributes	: High grain and straw yield, medium maturing, high tolerance to diseases particularly to blast and to cold stress .
Average yield	: 75-80 q ha ⁻¹
Seed Rate	: 60.0 kg ha ⁻¹
Recommended Fertilizer Dosage	: ❖ The recommended fertilizer dose w.r.t. N: P ₂ O ₅ : K ₂ O is 120:60:30 and the manure level of 5 t FYM ha ⁻¹ for realizing the yield potential.
Precautions to be followed	: Timely sowing (by and before first week of May) and recommended ecology should be strictly followed.
Level of Adoption	31%
Principal Breeder	Dr. G A Parray

