



Name : KOS 1

Year of Release. : 1987

Parentage	: -
Breeding Methodology adopted	: Selection from local germplasm
Maturity	: 220-230
Grain Type	: Medium bold
Biotic Stress	: Moderately resistant to <i>Alternaria</i> leaf spot , but susceptible to white rust
Abiotic Stress	: Tolerant to cold and freezing at seedling and pod bearing stage
Recommended regions	: Low attitude to mid altitude of Kashmir valley
Areas of adoption	: All the districts of Kashmir valley from an altitude range range of 1800 m amsl.
Special attributes	: Tall variety, tolerant to aphids under field conditions and suitable for rice-sarson rotation
Average yield	: 7-9 q/ha
Seed Rate	: Line sowing 8kg/ ha Broadcasting 10 kg/ha
Recommended Fertilizer Dosage	: 60:30:20:20 NPK&S (kg / ha)
Precautions to be followed	: Timely sowing (Last week of September to mid of October) with adequate moisture at critical growth stages like germination, flowering and grain filling.
Principal Breeder	: Dr. G M Tak
Level of Adoption	: 15%

