



Name : Shalimar Maize Composite-4 (KDM-438)
 Notification No. : 2817 (E) dated 19/9/2013



Parentage	:	KH-5991, F-7012, SSFX-9199 and C-36
Breeding Methodology adopted	:	The composite seed of parental materials bulked in equal quantity. A large number of controlled pollinated half sibs were collected. The procedure was followed for three cycles of resynthesis/ evaluation before the composite was tested in the target environment over locations and years.
Maturity	:	Medium
Grain Type	:	Flint
Biotic Stress	:	Moderately Resistant to TLB and Stem Borer
Abiotic Stress	:	Moisture Stress Tolerance
Recommended regions	:	Low to Medium Altitude regions of Kashmir Valley
Areas of adoption	:	Ganderbal, Anantnag, Kulgam, Baramullah, Kupwara and Pulwama.
Special attributes	:	High Yielding with Good Grain Quality
Average yield (ha)	:	60q
Seed Rate (ha)	:	30kg
Recommended Fertilizer Dosage	:	90:60:40 Kg/ha N:P:K
Precautions to be followed	:	--
Principal Breeder	:	Dr. F. A.Nehvi
Level of Adoption	:	22%

