



Almond : Mukhdoom
Year of Release : 1996



Parentage	:	Seedling origin
Breeding Methodology adopted	:	Single plant selection
Maturity	:	Mid season (First to second week of August)
Type of Fruit	:	Nut
Biotic Stress	:	Moderately susceptible to leaf spot and die back, slightly susceptible to gummosis, but has shown field resistance to leaf blight and leaf blotch. Moderately and slightly susceptible to leaf curling aphid and grey weevil, respectively but has exhibited field resistance to mealy bug.
Abiotic Stress	:	Perform well under rainfed conditions.
Recommended regions	:	Successfully grows at an elevation ranging from 1500-1660 m amsl on well drained soils. Requires proper air drainage. The area should not be a frost pocket. Orchard sites facing southern aspects are most conducive.
Areas of adoption	:	Almond growing districts of Kashmir valley.
Special attributes	:	Nut size medium, shell colour moderately yellowish with sparsely pored surface. Shelling percentage 39.34 %, semi-soft shell, seal good, kernel medium sized and plump. Late bloomer.
Average yield	:	Per tree : 2.50kg (in-shell yield) Per ha. : 6.75 Q (in-shell yield)
Seed Rate	:	-
Recommended Fertilizer Dosage	:	40-60 kg FYM, 900 g Urea, 375 g DAP and 900 g MOP per year for mature tree (10 years & above age)
Precautions to be followed	:	As per recommended package of practices
Principal Breeder	:	M. Amin Dalal