

ARDA

Chickpea (*Cicer arietinum* L.)



Registration Date	2013
Breeding Place and Year	Diyarbakır – 2010
Variety Owner Organization	GAP International Agricultural Research and Training Center
Breeders' Organization	GAP International Agricultural Research and Training Center
Breeding Method	Selection
Morphological Characteristics	1. Plant height : 64-85 cm 2. Height of first pod : 33-37 cm 3. Pod number per plant : 19-28 4. Number of seeds per pod : 1,7 5. Plant type : Erect 6. Days to flowering : 90-103 (winter sowing) 7. Days to maturity : 163-182 (winter sowing)
Seed Characteristics	1.100 seed weight : 34.1- 40.7 g 2. Seed color : Cream 3. Seed Ttype : Ram's head shape
Technological Characteristics	1. Water absorption capacity (g/seed) : 0.36-0.38 2. Water absorption index (%) : 0.93-1. 3. Swelling capacity (ml/seed) : 0.32-0.33 4. Swelling index (%) : 2.00-2.07 5. Sieve values (%) : 9 mm 10.0-14.5 8 mm 45.4-56.5 6. Cooking time (minute) : 40-52
Agricultural Characteristics	Average yield in optimum conditions is 2500 kg/ha, yield potential can be rise up to 3500 kg/ha.
Disease State	Tolerant to fusarium wilt and ascochyta blight