

GAC-11

Year of release	: 2019
Notified vide S.O. No. & date	: 3220 (E) 05-09-2019
Released at central or state level	: State
Developed by	: ARS, AAU, Sansoli, Gujarat
Pedigree / type of material	: Selection from base population of ANDCI-8
Recommended state(s)	: Gujarat
Recommended ecology	: Irrigated & rainfed middle Gujarat, kharif season
Duration	: Early
Growth habit	: Medium
Days to 50% flowering	: 39-42
Days to maturity for first picking	: 87-88 DAS
Number of nodes to primary raceme	: 14-15
100 seed weight (g)	: 30
Oil content (%)	: 48
Mean seed yield (kg/ha)	: 2360 (Rainfed), 3230 (Irrigated)
Source of seed	Agricultural Research Scientist & Head Agricultural Research Station, Anand Agricultural University, Sansoli-387130, Gujarat

Morphological description	
Vegetative phase	
Plant characters	
Descriptors	Description
Hypocotyl anthocyanin coloration	Present
Stem colour	Mahogany
Bloom	Double
Type of internodes on stem	Elongated
Branching pattern	Convergent
Location of branches	Basal
Plant type	Normal
Leaf characters	
Anthocyanin pigmentation of young emerging leaves	Present
Shape	Flat
Lascination (on 4 th leaf from top)	Shallow
Hairiness	Absent
Petiole surface	Smooth
Reproductive phase	

Type of flowers on primary spike	Monoecious
At maturity	
Spike characters	
Shape	Cylindrical
Size	Very long (80 cm)
Arrangement of capsules	Compact
Capsule characters	
Colour	Green
Spininess	Spiny
Seed characters	
Size	Medium
Shape	Oval
Colour	Light brown
Mottling	Low
Caruncle	Small

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