



Improved Groundnut Varieties Released from ICAR-DGR, Junagadh

The ICAR-DGR has developed and released 3 varieties directly from the Directorate and another 5 from the segregating materials provided to the National Agriculture System. These varieties are now being cultivated in different groundnut growing areas of India

Varieties developed by ICAR-DGR, Junagadh		Varieties developed through supplied segregating material by ICAR-DGR, Junagadh	
Spanish bunch	Virginia bunch	Spanish bunch	Virginia bunch
Girnar-1 (CGC-4018) Girnar-3 (PBS-12160)	Girnar-2 (PBS-24030)	GG-5 GG-7 (38) AK-159	HNG-10 Raj Mungfali-3 (RG-559-3)

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GG-7 (J-38)



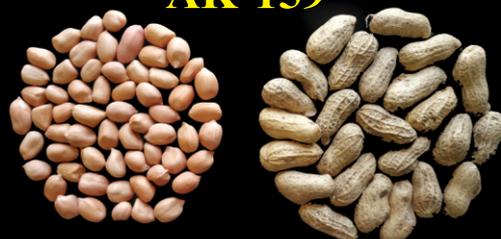
GG-7 (J-38)

Pedigree	S-206 × FESR-8 1-1-9-B-B
Growth habit	Spanish Bunch
Year of release	2001
Developed by	Gujarat Agricultural University, Junagadh
Recommended area	Gujarat and Southern Rajasthan
Recommended season	<i>Kharif</i> (Rainy)
Pod and kernel yield	2149 and 1633 kg/ha
Oil content	49.0%
Days to maturity	100 days
Main characters	Early maturity, high yielding, medium large seeded, moderate pod beak, reticulation and slight constriction; tolerant to late leaf spot.

AK-159

Pedigree	JL-24 × CGC-4018
Growth habit	Spanish Bunch
Year of release	2002
Developed by	PKV, Akola
Recommended area	Maharashtra and Madhya Pradesh
Recommended season	<i>Kharif</i> (Rainy)
Pod and kernel yield	1606 and 1092 kg/ha
Oil content	51.0%
Days to maturity	106 days
Main characters	Early maturity; possesses high oil content, slight pod beak, constriction and reticulation.

AK-159



Raj Mungfali-3 (RG-559-3)



Raj Mungfali-3 (RG-559-3)

Pedigree	{(TKG 19A × Kadiri 3) × TKG 19A}
Growth habit	Virginia Bunch
Year of release	2016
Developed by	Rajasthan Agricultural Research Institute (RARI), Durgapura, Sri Karan Narendra Agriculture University, Jobner
Recommended area	Rajasthan, Uttar Pradesh and Punjab
Recommended season	<i>Kharif</i> (Rainy)
Pod and kernel yield	3173 and 2201 kg/ha
Oil content	49.0%
Days to maturity	125 days
Main characters	Large seeded (HKW-69g), SOT-69%, moderate pod beak and constriction, slight reticulation, uniform kernels with smooth light pink testa; tolerance to collar rot.

The main characteristics of groundnut varieties

Girnar-1 (CGC-4018)



Girnar-1 (CGC-4018)

Pedigree	X-14-4-B-19-B × NCAC-17090
Growth habit	Spanish Bunch
Year of release	1988
Developed by	National Research Centre for Groundnut (NRCG), Junagadh
Recommended area	All India
Recommended season	<i>Kharif</i> (Rainy)
Pod and kernel yield	2000 and 1418 kg/ha
Oil content	49.0%
Days to maturity	100-105 Days
Main characters	Prominent pod reticulation; pod beak with moderate constriction; three seeded long pod. It is resistant to biotic stresses (ELS, LLS, rust, collar rot and <i>A. flavus</i> seed colonization) and having high peg strength.

Girnar-2 (PBS-24030)

Pedigree	M-13 × R-33-1
Growth habit	Virginia Bunch
Year of release	2008
Developed by	National Research Centre for Groundnut (NRCG), Junagadh, Gujarat
Recommended area	Northern Rajasthan, Uttar Pradesh and Punjab
Recommended season	<i>Kharif</i> (Rainy)
Pod and kernel yield	2907 and 2006 kg/ha
Oil content	51.0%
Days to maturity	125-130 days
Main characters	Slight pod constriction and moderate reticulation; rose testa, tolerant of rust, LLS, PSND and sucking pests; bold seeded (62.0 g/100 kernel)

Girnar-2 (PBS-24030)



Girnar 3 (PBS 12160)



Girnar-3 (PBS-12160)

Pedigree	Girnar-1 × ICGS-11
Growth habit	Spanish Bunch
Year of release	2010
Developed by	Directorate of Groundnut Research, Junagadh, Gujarat
Recommended area	West Bengal, Orissa, Manipur
Recommended season	<i>Kharif</i> (Rainy)
Pod and kernel yield	1520 and 1064 kg/ha
Oil content	45.0%
Days to maturity	104-111 days
Main characters	Leaflet small, elliptic, small pod with slight reticulation and constriction, rose testa; tolerant to leaf miner and thrips, possess fresh seed dormancy (up to 21 days).

GG-5 (Gujarat Groundnut-5)

Pedigree	27-5-1 × JL-24
Growth habit	Spanish Bunch
Year of release	1997
Developed by	Gujarat Agricultural University, Junagadh
Recommended area	Gujarat
Recommended season	<i>Kharif</i> (Rainy)
Pod and kernel yield	1270 and 936 kg/ha
Oil content	49.0%
Days to maturity	110 days
Main characters	Drought tolerant; moderate pod beak, constriction and reticulation, bold seeded, smooth testa; leaflets stay green at maturity.

GG-5 (Gujarat Groundnut-5)



HNG-10



HNG-10

Pedigree	GG-11 × R-33-1
Growth habit	Virginia Bunch
Year of release	1998
Developed by	Rajasthan Agricultural University (RAU), Hanumangarh
Recommended area	Rajasthan, Uttar Pradesh, Punjab and Haryana
Recommended season	<i>Kharif</i> (Rainy)
Pod and kernel yield	1918 and 1362 kg/ha
Oil content	51.0%
Days to maturity	125-130 days
Main characters	Medium, oblong pod; slight pod reticulation and constriction, kernels with tan colour testa, high shelling per cent (71%)