

26.7 Varieties and Hybrids in Niger

Variety/ Hybrid	Pedigree	Year of release	Year of Notification	Maturity (days)	Yield (kg/ha)	Salient Features	Oil Content (%)	Area of Adaptability
Birsa Niger- 1	Composite (CH-26+N-122)+5+H-78-25+RCR-2	1995	1(E) 1-1-1996	95-100	600-700	Light pinkish stem at maturity, earliness. Light Black seed	40.7	Bihar
Birsa Niger-2 (BNS-8)	Local Selection	2005	122(E) 2-2-2005	96-100	700-800		35-38	Jharkhand, Madhya Pradesh, Chhatisgarh, Orissa, Karnataka and Andhra Pradesh
Birsa Niger-3 (BNS 11)	Local Selection	2009		98	581	No lodging and shattering	33	Jharkhand, Chhatisgarh, Madhya Pradesh, Orissa, Maharashtra, Andhra Pradesh
BNS-10 (Pooja-1)		2009			650-700	Duration 95-100 days, Shining black seed, Resistant to pests, diseases	36-38	All niger growing states
DNS-4		2012			500-600	Shining Black seed, robust growth habit	39-41	Kharif, Karnataka
GA-10 (Deomali)	Selection from local material (Orissa)	1992	86(E) 25-11-1992	115-120	450	Dark Black seed	42	Tribal areas of Orissa
GA-5	Selection from local material of Semiliguda	1990		120-125	400	Dark Black seed	39	Tribal areas of Orissa
Gujarat Niger - 1	Selection from local material	2001		95-100	700	Black seed	40	Niger growing areas of Gujarat
IGP-76	Selection from population of N-12-3	1985	295(E) 9-4-1985	100-120	475	Black seed	40	Maharashtra
IGPN-2004-1, (Phule Karala-1)		2010			650-700	Duration 95-100 days, Shining black seed, Resistant to Alternaria, powdery	39-41	Kharif season in MS and Karnataka (High rainfall areas of Maharashtra)

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Jawahar Niger Composite-1		2006			650-700	Duration 90-100 days, Blackseed	38-40	MP, MS, Bihar, Rajasthan and Karnataka
JNC-1	Derived from Composite-1, Chilkapura, Ghoti No.2, IGP1+2+3, IGP 72, RCR-18 and Ootacmund	2006	1572(E) 20-9-2006	95-102	600	Black seed	38	Madhya Pradesh
JNC-6	Composite (No.-5 + DN-36+UN-4 +BNS-I+No.71+CHH-7+Phule-4 +RCR-238)	2002	937(E) 4-9-2002	95-100	500-600	Higher tolerance to Cercospora and Alternaria leafspot	40	Madhya Pradesh, Bihar, MS, Karnataka and Rajasthan
JNS-9	Selection Mandla local	2006	599(E) 25-4-2006	95- 100	550-700	Tolerant to niger caterpillar, semi-looper and hairy cater pillar	39	Madhya Pradesh, Bihar, Maharashtra, Karnataka and Orissa
KBN-1	Improvement of Kanakapura local	2009		80-90	400-600	Resistant to Alternaria leaf spot	37	Karnataka
N-5	Selection from Local material of MS.	-		95-100	450	Black Small seed.	40	Maharashtra
N-5		2001			600-650	Duration 95-100 days, Smallblack and sickle shaped seed	36-39	Bihar and Maharashtra
No/71	Selection from local material of Raichur	1991		105	450-500	Bold Black seed.	42	Karnataka
NRS-96-1	JLSF-103 x Gmu-2160	2003	122(E) 2-2-2005	94	300-350	Black seed	39	Rajasthan, Gujarat, Maharashtra and Karnataka
Ootacmund	Selection from indigenous material	1991	527(E) 16-8-1991	105	600	Plant height 120-140, light-green foliage, semi-spreading, stem colour purple to green with purple tinge on the stem here and there.	40	Madhya Pradesh

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Paiyur-1	Selection from local material	1997	647(E) 9-9-1997	90	500	Black seed	40	Tamil Nadu (Hilly region)
Phule Karala-1 (IGPN-2004-1)	Local Selection	2009		90-105	400-600	Resistant to Cercospora leaf spots, Alternaria leaf spot. Powdery mildew and root rot		Maharashtra, Karnataka
Puja		2003		96-100	600	Black seed	39	Bihar
RCR-317	Selection from local material of Karnataka	1988	1135(E) 1-12-1988	90	450	Black seed	40	Karnataka
Srilekha		1999		87	500	Black seed	43	Karnataka
Utkal Niger-150		2011			650-700	Duration 105-110 days, Blackseed, Tolerant to Alternaria, Cercospora, cuscuta	38-40	Odisha