TOSSA JUTE (*Corchorus olitorius*)

Sl. No.	Name of Variety	Year of release	State(s) of release	Notification No.	Yield q/ha	Salient traits notified
1	**2**	**3**	**4**	**5**	**6**	**7**
TOSSA JUTE (*Corchorus olitorius*)						
1	JRO 632 (Baisakhi tossa)	1974	W.B.	S.O 598 (E) 08.10.1974	30-32	Suitable for late sowing, induces premature flowering if sown before mid-April, pods shattering type.
2	JRO 878 (Chaitali tossa)	1974	W.B.	S.O.598 (E) 08.10.1974	30-32	Suitable for early (mid March) sowing, pods non-shattering type, better fibre fineness.
3	JRO 7835 (Basudev)	1974	W.B.	S.O.598 (E) 08.10.1974	32-34	Pods non-shattering, suitable for early (mid March) sowing, can withstand water logging to some extent at later stage of growth.
4	JRO 524 (Navin)	1977	W.B.	S.O.1004(E) 23.03.1978	32-40	Pods non-shattering, sowing during middle of March does not induce premature flowering. It is least susceptible to yellow mite pest and is resistant to root rot diseases in high rainfall areas. It rets better than other *olitorius* varieties and extraction is easy.
5	TJ 40 (Mahadev)	1983	Maharashtra	S.O. 499 (E) 08.07.1983	25.00	Premature flowering resistance-absent, pod dehiscence-present ; seed colour-green
6	JRO 3690 (Savitri)	1985	W.B.	S.O. 540 (E) 24.07.1985	30-33	Pods shattering type, better fibre quality, suitable for late sowing.
7	KOM 62 (Rebati)	1993	Odisha	S.O. 615(E) 17.08.1993	30.40	Premature flowering resistance-absent, pod dehiscence-present ; seed colour-steel grey
8	JRO 66 (Golden jubilee tossa)	1997	W.B.	S.O. 401 (E) 15.05.1998	35-40	Pods non shattering type, fibre quality TD_2 grade, ideal for mid April to early May sowing.
9	JRO 8432 (Shakti tossa)	1999	W.B.	S.O. 1050(E) 26.08.1999	35-40	Suitable for early (mid March) sowing, premature flowering resistant, non-shattering pod.
10	JRO 128 (Surya)	2002	W.B.	S.O. 937 (E) 04.09.2002	32-38	Pods non shattering type, can be sown from mid March to end of April. Very good fibre quality.
11	S 19 (Subala)	2005	W.B.	S.O. 122 (E) 02.02.2005	30-35	Suitable for early (mid March) sowing, resistant to premature flowering , tolerant to major pests and diseases , finer fibre quality with lesser lignin content.
12	JRO 204 (Suren)	2007	W.B.	S.O. 1703 (E) 05.10.2007	36-38	Tall, cylindrical stem, non-lodging type, non-shattering pod, resistance to premature flowering
13	AAUOJ 1 (Tarun)	2007	Assam	S.O. 1703 (E) 05.10.2007	36	Non-shattering pod, broader leaf with green longer stipule, resistance to premature flowering, better biotic resistance for stem rot, root rot, anthracnose and yellow mite

14	JBO 2003H (Ira)	2008	W.B.	S.O. 72 (E) 10.01.2008	38	Resistance to premature flowering, better fibre quality, better biotic resistance to stem rot, root rot, anthracnose and yellow mite
15	CO 58 (Sourav)	2010	W.B.	S.O. 211 (E) 29.01.2010	34	Suitable time of sowing is mid- March, pods are non- shattering type, resistance to premature flowering, better fibre quality, resistance to major pest and diseases
16	JBO 1 (Sudhangshu)	2010	W.B.	S.O. 2137 (E) 31.08.2010	30-35	Suitable time of sowing is mid- March to end-April, pods are non-shattering type, low lignin content, resistance to premature flowering, better fibre quality, resistance to major pest and diseases
17	JROM 1 (Pradip)	2013	W.B.	S.O. 312 (E) 01.02.2013	37.40	Suitable time of sowing is mid- March to end-April, Stem: Cylindrical , non-branching; Leaf colour: Green, laceolate shape; Flower:Petal colour; Yellow; Fruit: Pods green cylindrical, non-shattering
18	JROG 1 (Rithika)	2015	W.B.	S.O. 1228 (E) 07.05.2015	27.93	Suitable time of sowing is mid- March to end-April, non-shattering pod, resistance to premature flowering, resistance to root rot and stem rot disease , fibre quality is good, tolerance of abiotic stresses,
19	JRO 2407 (Samapti)	2016	W.B	S.O. 2238 (E) 29.06.2016	33.82	Suitable time of sowing is early March, pods are non-shattering type, low lignin content, resistance to premature flowering, better fibre quality, resistance to major pest and diseases.
20	KRO 4 (Gouranga)	2017	W.B	S.O. 1007 (E) 30.03. 2017	29.61	Adapted to tossa jute growing especially, West Bengal, Assam, Bihar and Odisha for mid-March to mid-May sowing. Tolerant to stem rot disease and insects like semilooper, apion, BHC and yellow mite.
21	BCCO 6 (Kisan Pat)	2017	W.B	S.O. 1007 (E) 30.03. 2017	28.35	Coppery red stem variety with better fibre tenacity (21.18 g/tex) and fineness (2.81 tex), recommended for entire tossa jute growing states for sowing in 2nd fortnight of April to May.

WHITE JUTE (*C. capsularis*)

Sl. No.	Name of Variety	Year of release	State(s) of release	Notification No.	Yield q/ha	Salient traits notified
1	**2**	**3**	**4**	**5**	**6**	**7**
WHITE JUTE (*C. capsularis*)						
1	JRC 321 (Sonali)	1974	W.B.	S.O. 598 (E) 08.10.1974	20-25	Pods non-shattering type, finest fibre quality (1.5 tex), suitable for late February to late March sowing.
2	JRC 212 (Sabuj sona)	1974	W.B.	S.O. 598 (E) 08.10.1974	25-28	Pods non-shattering type, suitable for mid March to mid April sowing.
3	JRC 7447 (Shyamali)	1983	W.B.	S.O. 499 (E) 08.07.1983	28-30	Pods non-shattering type, responsive to higher dose of N fertilizer, suitable for mid March to mid April sowing..
4	JRC 4444 (Baldev)	1980	W.B.		30-32	Pods non-shattering type, suitable for early March- mid April sowing.
5.	Hybrid C (Padma)	1983	W.B.	S.O. 499 (E) 08.07.1983	25-28	Pods non-shattering type , suitable for late February to late March sowing.
6	UPC 94 (Reshma)	1983	U.P.	S.O. 499 (E) 08.07.1983	23.00	Premature flowering resistance-present, pod dehiscence-absent ; seed colour-chocolate brown
7	JRC 698 (Shrabanti white)	1999	W.B	S.O.1050 (E) 26.10.1999	30-35	Pods non-shattering type, suitable for mid March to mid April sowing, fibre quality W_2 grade having fineness with fairly good fibre tenacity.
8	KC 1 (Joydev)	1992	Odisha		26.30	Premature flowering resistance-present, pod dehiscence-absent ; seed colour-chocolate brown
9	KTC 1 (Rajendra Sada Pat 1)	1994	Bihar		28.00	Premature flowering resistance-present, pod dehiscence-absent ; seed colour-chocolate brown
10	Bidhan Pat-3	2001	W.B.	S.O. 92(E) 02.02.2001	25-27	Pods non-shattering type, photo-period insensitive variety and matures in 110 days after sowing anytime between 1st March to 1st July, suitable for flood prone areas.
11	Bidhan Pat-1	2001	W.B.	S.O. 92 (E) 02.02.2001	13-14	Pods non-shattering, photo-period insensitive variety and matures in 60-65 days after sowing anytime between 1st March to 1st August, suitable for flood prone areas.
12	Bidhan Pat-2	2001	W.B.	S.O.92 (E) 02.02.2001	20-23	Pods non-shattering, photo-period insensitive variety and matures in 90-100 days after sowing anytime between 1st March to 1st July, suitable for flood prone areas.

13	JRC 80 (Mitali)	2005	W.B.	S.O. 122 (E) 02.02.2005	30-35	Suitable for mid March to early April sowing in both high and low land , can withstand drought at early stage of growth and water logging at later stage of growth.
14	JRC 532 (Sashi)	2009	W.B.	S.O. 449 (E) 11.02.2009	30-35	Pod non-shattering, drought resistant at early stage of growth and tolerate water logging and mature in 110 days after sowing
15	JRC 517 (Sidhartha)	2009	W.B.	S.O. 449 (E) 11.02.2009	32-35	Pod non-shattering, drought resistant at early stage of growth and tolerate water logging and mature in 120 days after sowing
16	RRPS 27 C 3 (Monalisa)	2009	W.B.	S.O. 2187 (E) 27.08.2009	34	Pod non-shattering, resistance to pre-mature flowering, suitable time of sowing is mid-March to mid-April, better pest and disease resistance, higher fibre yield and better fibre fineness, low-lignin content
17	NDC 2008 (Ankit)	2009	U.P.	S.O. 2187 (E) 27.08.2009	27	Resistance to pest and diseases , good fibre quality , tolerant to drought and water lodging, suitable time of sowing is mid February to mid March.
18	JBC 5 (Arpita)	2010	W.B.	S.O. 2137 (E) 31.08.2010	28-30	Suitable for mid-March, pod non-shattering type, resistance to premature flowering, better fibre quality, resistance to major pest and diseases
19	JRCM 2 (Partha)	2013	W.B.	S.O. 312(E) 01.02.2013	27.8	Suitable for mid-March to last week of April sowing, Stem: Cylindrical , green with light red pigmentation; Leaf colour: Green, ovate shape; Flower:Petal colour; Yellow; Fruit: Pods green ,capsule type in shame, non-dehiscence
20	KJC 7 (Shrestha)	2016	Odisha	S.O. 2338 (E) 29.06.2016	28.14	Premature flowering resistance-present, pod green non-dehiscence; seed colour-chocolate brown
21	JRC 9057 (Ishani)	2016	W.B.	S.O. 2338 (E) 29.06.2016	30-35	Green stem with light red pigmented variety suitable for West Bengal, Assam, Bihar and Odisha for March to April sowing. Very fine (1.31 tex) fibre quality and tolerant to stem rot and semiloope
22	AAUCJ 2 (Kkhyati)	2017	Assam	S.O. 1007 (E) 30.03. 2017	27.95	Green stem high yielding variety with better tolerance to semi looper and yellow mites and stem rot of jute. Specifically adapted to Assam state but also thrives well in other white jute growing states i.e. West Bengal, Odisha and Uttar Pradesh.

KENAF (*Hibiscus canabinus*)

Sl. No.	Name of Variety	Year of release	State(s) of release	Notification No.	Yield q/ha	Salient traits notified
1	**2**	**3**	**4**	**5**	**6**	**7**
KENAF (*Hibiscus canabinus*)						
1	HC 583	1974	W.B.	S.O. 598 (E) 08.10.1974	25	Most popular variety, tolerant to root rot disease
2	AMC 108 (Bimal)	1982	A.P.		20-25	Resistant to foot and stem rot diseases, tolerant to jassids and spiral borer
3	MT 150(Nirnal)	2005	W.B.	S.O. 122 (E) 02.02.2005	30	Superior paper pulp quality for newsprint.
4	JBM 2004 D (Sumit)	2009	W.B.	S.O. 449 (E) 11.02.2009	27	Resistant to foot and stem rot and tolerant to Spiral borer Mealy bug and good fibre quality and strength
5	JRM 3 (Sneha)	2010	W.B.	S.O. 2137 (E) 31.08.2010	25-38	Suitable for mid-April to mid-May, better fibre quality, resistant to major pests and diseases
6	JRM 5 (Shrestha)	2010	W.B.	S.O. 2137 (E) 31.08.2010	27.5	Suitable for mid-April to mid-May, better fibre quality, resistant to major pests and diseases
7	JBM 81 (Shakti)	2013	W.B.	S.O. 312(E) 01.02.2013	25.50	Suitable time of sowing mid April to mid May, Stem: Cylindrical, green pigmentation, stem diameter: 1.5 cm-1.8cm, Leaf: Green colour and broad with red margin ,Flower: Petal colour yellow and stigma colour: red, Pod slightly cylindrical and non-shattering; seed colour: black
8	JBM 71 (Shanti)	2013	Odisha	S.O. 952 (E) 10.04.2013	27.49	Suitable time of sowing mid April to mid May, Stem: Cylindrical, green pigmentation, stem diameter: 1.7 cm-2.2 cm, Leaf: Green , lobbed , Flower: Petal colour yellow and stigma colour: red, Pod cylindrical and non-shattering; seed colour: black
9	JRKM 9 1 (Satyen)	2016	W.B.	S.O. 2238 (E) 29.6.2016	24.26	Suitable for mid-April to last week of May sowing, suitable for mid and highland rainfed situation, tolerant to major diseases (foot and stem rot) and major pests (spiral borer and mealy bug), better fibre tenacity (21.29 g/tex) and fineness (2.54 tex
10	JBMP 2 (Central Kenaf)	2016	W.B.	S.O. 2238 (E) 29.06.2016	28.42	Suitable sowing time is mid-April to last week of May, suitable for mid and highland rainfed situation, tolerant to major diseases (foot and stem rot) and major pests (spiral borer and mealy bug), better fibre tenacity (22.25 g/tex) and fineness (3.29 tex)
ROSELLE (*Hibiscus sabdariffa*)						
1	HS 4288	1967	W.B.		20-30	Stem has bristles, tolerant to major pests and

						diseases.
2	HS 7910 (Ujjal)	1977	W.B	01.01.1979	20-30	Stem has less bristles, resistant to major pests and tolerant to *Phytopthera pasrasitica*
3	AMV 1	1966	A.P.	01.01.1973	20	Stem has less bristles, highly susceptible to pests and diseases
4	AMV 2	1982	A.P	01.01.1984	20	Stem has less bristles, highly susceptible to pests and diseases
5	AMV 3 (Surya)	1989	A.P		20	Stem has less bristles, resistant to foot and stem rot disease
6	AMV 4 (Kalinga)	1991	A.P.		20	Stem has less bristles, moderately resistant to jassids and foot and stem rot diseases
7	Non-bris 4 (Jaya)	2005	A.P.			
8	AMV 5 (Durga)	2006	A.P.	S.O. 1703 (E) 05.10.2007	25	Good fibre quality, higher fibre yield, tolerant to pests and diseases under field conditions
9	GR 27 (Madhuri)	2007	W.B	S.O. 122 (E) 06.02.2007	27-30	Stem green with red patches only in nodes, tolerant to pests and diseases.
10	AMV 7 (Janardhan)	2011	A.P.	S.O. 2326 (E) 10.10.2011	25-30	Suitable time of sowing mid May to mid June, Stem: Pink pigmentation with bristles,Leaf: Deeply lobbed, Pod pink , non branching and non shattering, good fibre quality and average tenacity, Tolerant to major pest and diseases
11	CRIJAFR 5 (Roselle Ratna)	2016	W.B.	S.O. 2238 (E)29.06.2016	25.40	Suitable for mid-April to mid-May sowing, resistant to foot and stem rot diseases (foot and stem rot) and major pests (jassids, aphids, semi-looper and white flies), has a better fibre fineness (2.69 tex) and fibre tenacity (18.88 g/tex)
SUNNHEMP (*Crotalaria juncea*)						
1	K 12 Yellow	1971	U.P.		9-12	Seed coat is blackish brown, good fibre quality
2	SH 4 (Sailesh)	2004	W.B.	S.O. 122 (E) 02.02.2005	15	Seed coat is yellow, higher yield
3	SUIN 053 (Swastika)	2009	U.P.	S.O. 2187 (E) 27.08.2009	9-10	Tolarence to pest and disease incidence , better fibre yield and fineness
4	SUIN 037 (Ankur)	2013	U.P.	S.O. 312 (E) 01.02.2013	10-12	Better fibre quality, resistant to biotic an abiotic stresses, Seed coat colour: deep brown and fruits dehiscent, Stem colour: Green , ribbed surface with less branching
5	JRJ 610 (Prankur)	2015	W.B.	S.O. 1228 (E) 07.05.2015	10.16	This sunn hemp variety has the yield (10.16 q/ha) which is 6-7% higher over checks and fibre quality (13.19 g/tex tenacity), resistance to vascular wilt.

RAMIE (*Boehmeria nivea*)

1	R 67 34(Kanai)	1985	Assam		20- 24	Higher yield potential
2	R 1411(Hazarika)	2015	Assam	S.O. 112 (E) 12.01.2015	15.87	Suitable for Arunachal Pradesh, Assam, Sikkim, Tripura, Meghalaya, Mizoram, Nagaland and North Bengal. Average fibre yield is 14.66 q/ha/year with better resistant to Indian Red Admiral caterpillar and leaf folder, better fibre tenacity (22.34 g/tex) and fineness (0.64 tex)

SISAL (*Agave* sp.)

1	Sisal hybrid (Leela)	1985	Odisha		25	Higher yield potential

FLAX (*Linum usitatissimum*)

1	JRF 2 (Tiara)	2015	UP	S.O. 1228 (E) 07.05.2015	12.94	JRF 2 possesses high yield of 12.94 q/ha, high fibre strength (25.55g/tex) and showed resistance to major diseases like *Fusarium wilt* and *Alternaria lini*.

Tossa Jute (Olitorius)

JROG 1 (Rithika)
JROM 1 (Pradip)
JRO-2407(Samapti)
JBO-1 (Sudhangsu)
CO-58 (Sourav)
JBO 2003 H (IRA)
AAU-OJ-1 (Tarun)
JRO-204 (Suren)
S-19 (Subala)
JRO 128 (Surya)
JRO-8432 (Shakti Tossa)
JRO-66 (Golden Jubilee Tossa)
KOM-62 (Revati)
JRO-3690 (Savitri)
TJ-40 (Mahadev)
JRO-524 (Navin)
JRO-7835 (Basudev)
JRO-878 (Chaitali Tossa)
JRO-632 (Baisakhi Tossa)
Bidhan Rupali

White Jute (Capsularis)

JRC 9057 (Ishani)
JRCM 2 (Partho)
KJC-7(Shresthaa)
JBC-5 (Arpita)
RRPS-27-C-3 (Monalisa)
NDC-2008 (Ankit)
JRC-517 (Siddhartha)
JRC-532 (Sashi)
JRC-80(Mitali)
Bidhan Pat 2
Bidhan Pat I
Bidhan Pat 3
JRC-698 (Shrabanti)
KTC-1(Rajendra sada pat-I)
KC-1(Joydev)
UPC-94 (Reshma)
Padma
JRC-4444(Baldev)
JRC-7447 (Shyamali)
JRC-212(Sabuj Sona)
JRC-321(Sonali)

HC Mesta

Central Kenaf JBMP 2
JBMG 4 (Bimal)
JRKM-9-1 (Satyen)
JBM 81 (Shakti)
JRM-5
JRM-3 (Sneha)
JBM-2004-D (Sumit)
MT-150 (Nirmal)
AMC-108
HC-583

HS Mesta

CRIJAFR 5 (Central Roselle Ratna)
CRIJAFR 8 (Roselle Sampurna)
AMV-7 (Janardhan)
GR-27 (Madhuri)
NON BRIS4 (Jaya)
AMV-5 (Durga)
AMV-4 (Kalinga)
AMV-3 (Surya)
AMV-2
HS-7910 (Ujjal)
HS-4288
AMV-1

Sunnhemp

Prankur (JRJ 610)
SUIN 037 (Ankur)
SUN-053 (Swastika)
SH-4
K12 YELLOW

Ramie

R 1411 (Hazarika)
R67-34 (KANAI)

Sisal

LEELA

Flax

JRF 2 (Tiara)