

## Sona Mahsuri (BPT 3291)



1	Crop	Paddy
2	Variety	Sona Mahsuri (BPT 3291)
3	Parentage	Sona/Mahsuri
4	Breeding Method	Pedigree method
5	Year of release	1982
6	Release through CVRC/SVRC	SVRC
7	Crop duration	135-140 days
8	Season	<i>Kharif and Rabi</i>
9	Potential Yield	5.5-6.0 t/ha
10	Area Suitability	North coastal Zone of Andhra Pradesh
11	Salient features	Resistant to neck blast and tolerant to gall midge, Non-lodging and non-shattering and 2 weeks dormancy

## Dhanya Lakshmi (BPT 1235)



1	Crop	Paddy
2	Variety	Dhanya Lakshmi (BPT 1235)
3	Parentage	Sabarmathi/W12708
4	Breeding Method	Pedigree method
5	Year of release	1982
6	Release through CVRC/SVRC	SVRC
7	Crop duration	120 days
8	Season	<i>Rabi</i>
9	Potential Yield	6.5-7.0 t/ha
10	Area Suitability	Suitable for rabi season
11	Salient features	Tolerant to gall midge and stem borer and awned variety, Non-lodging and non-shattering



## Samba Mahsuri (BPT 5204)



1	Crop	Paddy
2	Variety	Samba Mahsuri (BPT 5204)
3	Parentage	GEB 24/TN 1/Mahsuri
4	Breeding Method	Pedigree method
5	Year of release	1986
6	Release through CVRC/SVRC	SVRC
7	Crop duration	140-145 days
8	Season	<i>Kharif and Rabi</i>
9	Potential Yield	6.0 t/ha
10	Area Suitability	Suitable for KC Canal area of Andhra Pradesh, Telangana and Karnataka
11	Salient features	Non-lodging and non-shattering, Non-dormant, excellent cooking quality

## Surya (BPT 4358)



1	Crop	Paddy
2	Variety	Surya (BPT 4358)
3	Parentage	SonaMahsuri/ARC 6650
4	Breeding Method	Pedigree method
5	Year of release	1999
6	Release through CVRC/SVRC	SVRC
7	Crop duration	145 days
8	Season	<i>Kharif and Rabi</i>
9	Potential Yield	6.0-7.0 t/ha
10	Area Suitability	Double cropped wet lands particularly BPH and WBPH endemic areas of NSP and Krishna Western Delta for Kharif season
11	Salient features	Resistant to BPH and WBPH, one week seed dormancy, Non-lodging and non-shattering, good cooking quality, non-sticky grains of fine quality with good elongation ratio on cooking



## Bapatla Sannalu (BPT 1768)



1	Crop	Paddy
2	Variety	Bapatla Sannalu (BPT 1768)
3	Parentage	BPT 3301/Mahsuri mutant
4	Breeding Method	Pedigree method
5	Year of release	2002
6	Release through CVRC/SVRC	SVRC
7	Crop duration	165 days
8	Season	<i>Kharif</i>
9	Potential Yield	6.0-6.5 t/ha
10	Area Suitability	Single cropped wetlands of Andhra Pradesh with particular reference to NSP area and Krishna Western delta during kharif under normal as well as late planting conditions
11	Salient features	Tolerant to BLB, Blast and BPH and with stand complete submergence up to 7 days, one week dormancy, Non-lodging and non-shattering, medium slender grain



## **BhavapuriSannalu (BPT 2270)**



1	Crop	Paddy
2	Variety	BhavapuriSannalu (BPT 2270)
3	Parentage	BPT 5204/CR 15 MR 1523
4	Breeding Method	Pedigree method
5	Year of release	2010
6	Release through CVRC/SVRC	SVRC
7	Crop duration	160-165 days
8	Season	<i>Kharif</i>
9	Potential Yield	6.0-6.5 t/ha
10	Area Suitability	Single cropped wetlands of Andhra Pradesh particularly to NSP Ayacut area and Krishna Western delta during kharif season
11	Salient features	Tolerance to BPH and blast and submergence up to one week, Non-dormant, Non-lodging and non-shattering, excellent cooking quality with high head rice recovery



## Akshaya (BPT 2231)



1	Crop	Paddy
2	Variety	Akshaya (BPT 2231)
3	Parentage	BPT 4358/IR 64
4	Breeding Method	Pedigree method
5	Year of release	2010
6	Release through CVRC/SVRC	SVRC
7	Crop duration	145-150 days
8	Season	<i>Kharif</i>
9	Potential Yield	6.0-6.5 t/ha
10	Area Suitability	Double cropped areas of Guntur and Krishna Districts
11	Salient features	Tolerant to BPH and blast, Non-dormant, Non-lodging and non-shattering, cooking quality is excellent and non-sticky nature

## Bapatla Mahsuri (BPT 2295)



1	Crop	Paddy
2	Variety	Bapatla Mahsuri (BPT 2295)
3	Parentage	BPT 1768/NLR 33641
4	Breeding Method	Pedigree method
5	Year of release	2018
6	Release through CVRC/SVRC	SVRC
7	Crop duration	150-155 days
8	Season	<i>Kharif</i>
9	Potential Yield	6.5-7.0 t/ha
10	Area Suitability	Single cropped areas in Krishna Zone of Andhra Pradesh
11	Salient features	Tolerant to BPH and blast, tolerant to salinity and flash flood conditions for about 7-10 days, one week seed dormancy, Non-lodging and non-shattering, medium slender translucent grain with good cooking quality



## Teja (BPT 2595)



1	<i>Crop</i>	Paddy
2	<i>Variety</i>	Teja (BPT 2595)
3	<i>Parentage</i>	Mutant of BPT 2270
4	<i>Breeding Method</i>	Mutation breeding
5	<i>Year of release</i>	2019
6	<i>Release through CVRC/SVRC</i>	SVRC
7	<i>Crop duration</i>	145-150 days
8	<i>Season</i>	<i>Kharif</i>
9	<i>Potential Yield</i>	6.5-67.0 t/ha
10	<i>Area Suitability</i>	Single cropped areas of Guntur, Prakasam and Krishna District
11	<i>Salient features</i>	Tolerant to BPH and blast, Non-dormant, Non-lodging and non-shattering, excellent cooking quality

## Sasya (BPT 2411)



1	Crop	Paddy
2	Variety	Sasya (BPT 2411)
3	Parentage	BPT 5204/BPT 4358
4	Breeding Method	Pedigree method
5	Year of release	2020
6	Release through CVRC/SVRC	SVRC
7	Crop duration	140-145 days
8	Season	<i>Kharif and Rabi</i>
9	Potential Yield	7.0-7.5 t/ha
10	Area Suitability	Single and double cropped wetlands of Andhra Pradesh particularly to NSP Ayacut area, Krishna Western Delta and North coastal zone during kharif season in place of BPT 3291.
11	Salient features	Tolerant to BPH, Blast and Stem borer, tolerant to water stress, salinity and possess anaerobic germination ability, one week dormancy, Non-lodging and non-shattering



## Bhavathi (BPT 2782)



1	Crop	Paddy
2	Variety	Bhavathi (BPT 2782)
3	Parentage	NLR 145/ MTU 2077
4	Breeding Method	Pedigree method
5	Year of release	2020
6	Release through CVRC/SVRC	SVRC
7	Crop duration	140-145 days
8	Season	<i>Kharif</i>
9	Potential Yield	7.0-7.5 t/ha
10	Area Suitability	Single and double cropped wetlands of Andhra Pradesh particularly to NSP Ayacut area Krishna Western delta during kharif season
11	Salient features	Tolerant to BPH and blast, one week dormancy, Non-lodging and non-shattering and excellent cooking quality

## Prabhat (MTU 3626)



1	Crop	Paddy
2	Variety	Prabhat (MTU 3626)
3	Parentage	IR8/MTU3
4	Breeding Method	Pedigree
5	Year of release	1976
6	Release through CVRC/SVRC	SVRC
7	Crop duration	135(Kharif), 125 (Rabi)
8	Season	Kharif/ Rabi
9	Potential yield	7.0-7.5
10	Area suitability	Godavari Delta
11	Salient features	High yielding, blast tolerant, coarse grain, suitable for parboiling



## Swarna (MTU 7029)



1	Crop	Paddy
2	Variety	Swarna (MTU 7029)
3	Parentage	Vasista/Mahsuri
4	Breeding Method	Pedigree
5	Year of release	1982
6	Release through CVRC/SVRC	SVRC
7	Crop duration	150
8	Season	Kharif
9	Potential yield	6.0-6.5
10	Area suitability	Suitable for the state of AP and Telangana
11	Specific Features	High adaptability, low nitrogen responsive, BLB tolerant with stable yield and good cooking quality.

## Badava Mahsuri (PLA 1100)



1	Crop	Paddy
2	Variety	Badava Mahsuri (PLA 1100)
3	Parentage	Mahsuri/Vijaya
4	Breeding Method	Pedigree
5	Year of release	1982
6	Release through CVRC/SVRC	SVRC
7	Crop duration	155
8	Season	Kharif
9	Potential yield	6.0 (normal), 3.5-4.0 (floods)
10	Area suitability	Godavari delta
11	Specific Features	Non lodging, suitable for stagnant flooding and possess good cooking quality.



## Krishnaveni (MTU 2077)



1	Crop	Paddy
2	Variety	Krishnaveni (MTU 2077)
3	Parentage	Sowbhagya / ARC 5984
4	Breeding Method	Pedigree
5	Year of release	1989
6	Release through CVRC/SVRC	SVRC
7	Crop duration	150
8	Season	Kharif
9	Potential yield	6.0
10	Area suitability	Krishna Delta
11	Specific Features	Non lodging, BPH tolerant and suitable for Krishna and Godavari deltas.

## Vijetha (MTU 1001)



1	Crop	Paddy
2	Variety	Vijetha(MTU 1001)
3	Parentage	Vajram/ MTU 7014
4	Breeding Method	Pedigree
5	Year of release	1995
6	Release through CVRC/SVRC	SVRC
7	Crop duration	135-140 (Kharif), 120-125 (Rabi)
8	Season	Kharif, Rabi
9	Potential yield	6.0 (Kharif), 7.0 (Rabi)
10	Area suitability	Andhra Pradesh and Telangana
11	Specific Features	High yielding, BPH and Blast tolerant short duration variety with strong seed dormancy



## Cottondora Sannalu (MTU 1010)



1	Crop	Paddy
2	Variety	Cottondora Sannalu (MTU 1010)
3	Parentage	Krishnaveni/ IR 64
4	Breeding Method	Pedigree
5	Year of release	1999
6	Release through CVRC/SVRC	SVRC
7	Crop duration	120
8	Season	Rabi
9	Potential yield	7.0
10	Area suitability	Andhra Pradesh and Telanagana
11	Specific Features	High adaptability, Tolerant to BPH and Blast, Widely cultivated mega variety with stable yields

## Indra (MTU 1061)



1	Crop	Paddy
2	Variety	Indra (MTU 1061)
3	Parentage	PLA 1100/ MTU 1010
4	Breeding Method	Pedigree
5	Year of release	2006
6	Release through CVRC/SVRC	SVRC
7	Crop duration	150
8	Season	Kharif
9	Potential yield	6.0
10	Area suitability	Godavari and Krishna Delta, Telangana
12	Specific Features	Tolerant to BPH, salinity tolerant with two weeks dormancy and low grain shattering.



## Amara (MTU 1064)



1	Crop	Paddy
2	Variety	Amara (MTU 1064)
3	Parentage	PLA 1100/ MTU 1010
4	Breeding Method	Pedigree
5	Year of release	2009
6	Release through CVRC/SVRC	SVRC
7	Crop duration	150
8	Season	Kharif
9	Potential yield	6.0
10	Area suitability	Godavari and Krishna Delta
11	Specific Features	Non lodging, BPH and flood tolerant with low grain shattering

## Pushyami (MTU 1075)



1	Crop	Paddy
2	Variety	Pushyami (MTU 1075)
3	Parentage	MTU 2716/ MTU 1010
4	Breeding Method	Pedigree
5	Year of release	2008
6	Release through CVRC/SVRC	CVRC
7	Crop duration	135
8	Season	Kharif
9	Potential yield	6.5
10	Area suitability	Andhra Pradesh, Tamilnadu, Gujarat and Maharashtra
12	Specific Features	Non lodging, tolerant to BPH and first CVRC released variety from RARS, Maruteru



## Sri Druthi (MTU 1121)



1	Crop	Paddy
2	Variety	Sri Druthi (MTU 1121)
3	Parentage	BPT 5204/ MTU BB 8-24-1
4	Breeding Method	Pedigree
5	Year of release	2015
6	Release through CVRC/SVRC	SVRC
7	Crop duration	125
8	Season	Rabi
9	Potential yield	7.5
10	Area suitability	Andhra Pradesh and Telangana
11	Specific Features	Tolerant to BPH and blast, low grain shattering with two weeks dormancy and photo in sensitive.

## Chandra (MTU 1153)



1	Crop	Paddy
2	Variety	Chandra (MTU 1153)
3	Parentage	MTU 1010/ MTU 1081
4	Breeding Method	Pedigree
5	Year of release	2015
6	Release through CVRC/SVRC	CVRC
7	Crop duration	120
8	Season	Rabi
9	Potential yield	7.0
10	Area suitability	Punjab, Bihar, Madhya Pradesh, Chhattisgarh, Maharashtra, Tamilnadu, Karnataka and Kerala.
11	Specific Features	Non lodging, tolerant to BPH and Blast with low grain shattering.



## Bheema (MTU 1140)



1	Crop	Paddy
2	Variety	Bheema (MTU 1140)
3	Parentage	MTU 5249/ PLA 8572
4	Breeding Method	Pedigree
5	Year of release	2016
6	Release through CVRC/SVRC	SVRC
7	Crop duration	140-145
8	Season	Kharif
9	Potential yield	6.0
10	Area suitability	Semi deep water areas of Andhra Pradesh
11	Specific Features	Non lodging, tolerant to flash and stagnant flooding having anaerobic germination, two weeks dormancy with low grain shattering and tolerant to BPH)

## Tarangini (MTU 1156)



1	Crop	Paddy
2	Variety	Tarangini (MTU 1156)
3	Parentage	MTU 1010/ MTU 1081
4	Breeding Method	Pedigree
5	Year of release	2016
6	Release through CVRC/SVRC	SVRC
7	Crop duration	120
8	Season	Rabi
9	Potential yield	7.0
10	Area suitability	Andhra Pradesh
11	Specific Features	Non lodging, semi dwarf, tolerant to BPH and Blast, low grain shattering with two weeks dormancy and photo insensitive



## Samvruddhi (MTU 1155)



1	Crop	Paddy
2	Variety	Samvruddhi (MTU 1155)
3	Parentage	MTU 1001/ Annada
4	Breeding Method	Pedigree
5	Year of release	2017
6	Release through CVRC/SVRC	CVRC
7	Crop duration	135-140
8	Season	Kharif
9	Potential yield	6.0
10	Area suitability	Odisha, West Bengal, Chhattisgarh and Maharashtra
12	Specific Features	Non Lodging, nitrogen responsive

## Ksheera (MTU 1172)



1	Crop	Paddy
2	Variety	Ksheera (MTU 1172)
3	Parentage	MTU 7029/ MTU 1064
4	Breeding Method	Pedigree
5	Year of release	2018
6	Release through CVRC/SVRC	CVRC
7	Crop duration	150
8	Season	Kharif
9	Potential yield	6.0
10	Area suitability	Andhra Pradesh and Odisha
11	Specific Features	Flood tolerant variety with moderate tolerance to BLB, blast, leaf spot with two weeks dormancy



## Varam (MTU 1190)



1	Crop	Paddy
2	Variety	Varam (MTU 1190)
3	Parentage	MTU 1081/ Swarnasub 1
4	Breeding Method	Pedigree
5	Year of release	2018
6	Release through CVRC/SVRC	CVRC
7	Crop duration	140-145
8	Season	Kharif
9	Potential yield	6.5-7.0
10	Area suitability	Andhra Pradesh, Telangana, Tamilnadu, Maharashtra and Chhattisgarh
11	Specific Features	Non lodging, moderately tolerant to blast and BLB, two weeks dormancy.

## Sujatha (MTU 1210)



1	Crop	Paddy
2	Variety	Sujatha (MTU 1210)
3	Parentage	MTU 1001/ KMP 150
4	Breeding Method	Pedigree
5	Year of release	2019
6	Release through CVRC/SVRC	SVRC
7	Crop duration	125
8	Season	Rabi
9	Potential yield	7.0
10	Area suitability	Andhra Pradesh
12	Specific Features	Non lodging, two weeks dormancy, tolerant to BPH and BLB



## Varsha (MTU 1223)



1	Crop	Paddy
2	Variety	Varsha (MTU 1223)
3	Parentage	MTU 1081/MTU 1064
4	Breeding Method	Pedigree
5	Year of release	2019
6	Release through CVRC/SVRC	CVRC
7	Crop duration	150
8	Season	Kharif
9	Potential yield	6.0
10	Area suitability	Bihar and Odisha
11	Specific Features	Suitable for rainfed shallow low lands and moderately tolerant to BLB, blast with two weeks dormancy

## Maruteru Samba (MTU 1224)



1	Crop	Paddy
2	Variety	Maruteru Samba (MTU 1224)
3	Parentage	[(JGL 3844/NLR 34449) / BPT 5204]
4	Breeding Method	Pedigree
5	Year of release	2019
6	Release through CVRC/SVRC	CVRC
7	Crop duration	140
8	Season	Kharif
9	Potential yield	6.5
10	Area suitability	Andhra Pradesh
11	Specific Features	Non lodging, tolerant to BPH and having good cooking quality, two weeks dormancy and low grain shattering



## Sravani (MTU 1239)



1	Crop	Paddy
2	Variety	Sravani (MTU 1239)
3	Parentage	MTU 1075 / BM 71
4	Breeding Method	Pedigree
5	Year of release	2019
6	Release through CVRC/SVRC	CVRC
7	Crop duration	140
8	Season	Kharif
9	Potential yield	6.5
10	Area suitability	Andhra Pradesh, Tamilnadu and Maharashtra
12	Specific Features	Non lodging, semi dwarf, moderately tolerant to BPH and BLB with two weeks dormancy and low grain shattering.

## Maruteru Mahsuri (MTU 1262)



1	Crop	Paddy
2	Variety	Maruteru Mahsuri (MTU 1262)
3	Parentage	(BPT 5204/NLR 34449) / MTU 1075
4	Breeding Method	Pedigree
5	Year of release	2019
6	Release through CVRC/SVRC	SVRC
7	Crop duration	155
8	Season	Kharif
9	Potential yield	6.5
10	Area suitability	Andhra Pradesh
12	Specific Features	Non lodging, fine grain variety, tolerant to BPH and BLB with two weeks dormancy



## **Panduranga (MCM 100)**



1	Crop	Paddy
2	Variety	Panduranga (MCM 100)
3	Parentage	MTU 1042/MTU 1061
4	Breeding method	Pedigree
5	Year of release	2018 notification No.SO3220(E) dt.05/09/2019
6	Release through CVRC/SVRC	SVRC
7	Crop duration	140 days
8	Season	Kharif
9	Potential yield	6.0 tons/ha
10	Area suitability	Salt affected areas of Andhra Pradesh and also under normal irrigated ecosystem
11	Salient features	Tolerant to salinity, non lodging, semi-dwarf. moderately tolerant to BPH, medium slender grain, low grain shattering, dormancy for 2 weeks.

## NLR 9674 (Kothamolagolukulu)



S.No	Crop	Rice
1	Name of the variety	NLR 9674 (Kothamolagolukulu)
2	Parentage	Bulk H9 x MillekKunning
3	Breeding method	Pedigree
4	Year of release	1977
5	Released through SVRC/CVRC	SVRC
6	Crop Duration	160-170
7	Season	Kharif
8	Potential yield (t/ha)	5.4-5.5
9	Area of suitability	Guntur, Prakasam, Chittoor and Nellore
10	Specific features	First cross derivative molagolukulu rice variety with blast resistance



## BCP1



S. No	Crop	Rice
1	<b>Name of the variety</b>	<b>BCP1</b>
2	Parentage	Pure line selection from sannamolagolukulu
3	Breeding method	Pure line selection
4	Year of release	1948
5	Release through SVRC/CVRC	SVRC
6	Crop duration	190
7	Season	Kharif and late kharif
8	Potential yield	2.83
9	Area suitability	Specifically adopted to Guntur, prakasam, kadapa and Nellore traditional molagolukulu growing areas
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Tolerant to blast

## BCP 2



S. No	Crop	Rice
1	<b>Name of the variety</b>	<b>BCP 2</b>
2	Parentage	Pure line selection from budda/pottimolagolukulu
3	Breeding method	Pure line selection
4	Year of release	1948
5	Release through SVRC/CVRC	SVRC
6	Crop duration	185
7	Season	Kharif and late kharif
8	Potential yield	2.83
9	Area suitability	Specifically adopted to Guntur, prakasam, kadapa and Nellore traditional molagolukulu growing areas
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Tolerant to blast and drought



## BCP3



S. No	Crop	Rice
1	<b>Name of the variety</b>	<b>BCP3</b>
2	Parentage	Pure line selection from Atragada
3	Breeding method	Pure line selection
4	Year of release	1950
5	Release through SVRC/CVRC	SVRC
6	Crop duration	160
7	Season	Kharif and late kharif
8	Potential yield	2.61
9	Area suitability	Specifically adopted to Guntur, prakasam, kadapa and Nellore traditional molagolukulu growing areas
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Tolerant to blast

## BCP4



S. No	Crop	Rice
1	<b>Name of the variety</b>	<b>BCP4</b>
2	Parentage	Pure line selection from pishanam
3	Breeding method	Pure line selection
4	Year of release	1950
5	Release through SVRC/CVRC	SVRC
6	Crop duration	180
7	Season	Kharif and late kharif
8	Potential yield	2.7
9	Area suitability	Specifically adopted to Guntur, prakasam, kadapa and Nellore traditional molagolukulu growing areas
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Tolerant to blast and drought



## BCP5



S. No	Crop	Rice
1	<b>Name of the variety</b>	<b>BCP5</b>
2	Parentage	Pure line seslection from pottivadlu
3	Breeding method	Pure line selection
4	Year of release	1951
5	Release through SVRC/CVRC	SVRC
6	Crop duration	190
7	Season	Kharif and late kharif
8	Potential yield	2.6
9	Area suitability	Specifically adopted to Guntur, prakasam, kadapa and Nellore traditional molagolukulu growing areas
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Tolerant to blast and drought



## BCP 6



S. No	Crop	Rice
1	<b>Name of the variety</b>	<b>BCP 6</b>
2	Parentage	Pure line selection from molagolukulu
3	Breeding method	Pure line selection
4	Year of release	1965
5	Release through SVRC/CVRC	SVRC
6	Crop duration	180
7	Season	Kharif and late kharif
8	Potential yield	3.7
9	Area suitability	Specifically adopted to Guntur, prakasam, kadapa and Nellore traditional molagolukulu growing areas
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Tolerant to blast and drought

## BULK H9



S. No	Crop	Rice
1	<b>Name of the variety</b>	<b>BULK H9</b>
2	Parentage	Pure line selection from molagolukulu
3	Breeding method	Pure line selection
4	Year of release	1965
5	Release through SVRC/CVRC	SVRC
6	Crop duration	180
7	Season	Kharif and late kharif
8	Potential yield	3.7
9	Area suitability	Specifically adopted to Guntur, prakasam, kadapa and Nellore traditional molagolukulu growing areas
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Tolerant to blast and drought



## NLR 9672 (Kothamolagolukulu)



S.No	Crop	Rice
1	Name of the variety	NLR 9672 (Kothamolagolukulu)
2	Parentage	Bulk H9 x MillekKunning
3	Breeding method	Pedigree
4	Year of release	1979
5	Released through SVRC/CVRC	SVRC
6	Crop Duration	150-160
7	Season	Kharif
8	Potential yield (t/ha)	5-5.5
9	Area of suitability	Guntur
10	Specific features	First cross derivative molagolukulu rice variety with blast resistance



## NLR 9672-96 (Pinakini)



S.No	Crop	Rice
1	Name of the variety	NLR 9672-96 (Pinakini)
2	Parentage	Bulk H9 x MilleKunning
3	Breeding method	Pedigree
4	Year of release	1987
5	Released through SVRC/CVRC	SVRC
6	Crop Duration	160-170 days
7	Season	Kharif
8	Potential yield (t/ha)	5.3t/ha
9	Area of suitability	Prakasam
10	Specific features	Non lodging, fertilizer responsive, suitable for kharif season. Resistant to blast disease

## NLR 27999 (Tikkana)



S.No	Crop	Rice
1	Name of the variety	NLR 27999 (Tikkana)
2	Parentage	RP31-49-2 x BCP 2
3	Breeding method	Pedigree
4	Year of release	1988
5	Released through SVRC/CVRC	SVRC
6	Crop Duration	165-175 days
7	Season	Kharif
8	Potential yield (t/ha)	6.2t/ha
9	Area of suitability	Chittoor and Nellore
10	Specific features	Resistant to neck blast, suitable for lateplanting situations upto October. Adopted to molagolukulu growing areas of southern zone of Andhra Pradesh.



## NLR 145 (Swarnamukhi)



S.No	Crop	Rice
1	Name of the variety	NLR 145 (Swarnamukhi)
2	Parentage	Cica 4 x IR 625-23-3-1x Tetep
3	Breeding method	Pedigree
4	Year of release	1991
5	Released through SVRC/CVRC	SVRC
6	Crop Duration	130-140 days
7	Season	Kharif and early rabi
8	Potential yield (t/ha)	6t/ha
9	Area of suitability	All rice growing areas of AP
10	Specific features	Resistant to blast, tolerant to moisture stress, suitable for tank fed irrigation system in southern zone of Andhra Pradesh.



## **NLR 28600 (Simhapuri)**



S. No.	Crop	Rice
1	Name of the variety	<b>NLR 28600 (Simhapuri)</b>
2	Parentage	RP5-32x Bulk H9
3	Breeding method	Pedigree
4	Year of release	1991
5	Released through SVRC/CVRC	SVRC
6	Crop Duration	160-170 days
7	Season	Kharif
8	Potential Yield	5.3t/ha
9	Area of suitability	Guntur, Prakasam, Chittoor and Nellore
10.	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Suitable for kharif season, Blast resistant

## NLR 28523 (Sriranga)



S. No.	Crop	Rice
1	Name of the variety	<b>NLR 28523 (Sriranga)</b>
2	Parentage	RP5-32x Mahsuri
3	Breeding method	Pedigree
4	Year of release	1991
5	Released through SVRC/CVRC	SVRC
6	Crop Duration	160-170 days
7	Season	Kharif
8	Potential Yield	5.3t/ha
9	Area of suitability	Specifically adopted to blast endemic areas of southern zone , Krishna Godavari zone during kharif season
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy C) lodging tendency, grain shattering, d) recommended ecology	Specifically adopted to blast endemic areas of southern zone , Krishna Godavari zone during kharif season



## **NLR 30491 (Bharani)**



S. No.	Crop	Rice
1	Name of the variety	<b>NLR 30491 (Bharani)</b>
2	Parentage	IR 36 x IET 2508 (Sasyasree)
3	Breeding method	Pedigree
4	Year of release	1997
5	Released through SVRC/CVRC	SVRC
6	Crop Duration	115-120 days
7	Season	Rabi and Early kharif
8	Potential Yield	5.5-6/ha
9	Area of suitability	Suitable for non –Blast endemic areas of AP
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Field tolerant to RTV and susceptible to blast disease. Suitable for both early kharif and rabi seasons



## NLR 33359 (Sravani)



S. No.	Crop	Rice
1	Name of the variety	NLR 33359 (Sravani)
2	Parentage	Relection from IR 50
3	Breeding method	Pedigree
4	Year of release	1997
5	Released through SVRC/CVRC	SVRC
6	Crop Duration	115-120 days
7	Season	Rabi and early kharif
8	Potential Yield	6-6.5t/ha
9	Area of suitability	Suitable for non –Blast endemic areas of AP
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Suitable for early kharif and rabi season. Under field conditions resistant to balst disease.

## NLR 33365 (Penna)



S. No.	Crop	Rice
1	Name of the variety	<b>NLR 33365 (Penna)</b>
2	Parentage	NLR 9672 x IR 36
3	Breeding method	Pedigree
4	Year of release	1997
5	Released through SVRC/CVRC	SVRC
6	Crop Duration	150-160 days
7	Season	Kharif
8	Potential Yield	5.5-6.0t/ha
9	Area of suitability	Suitable for rice growing areas of Ap
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Resistant to blast



## NLR 33057 (Swathi)



S. No.	Crop	Rice
1	Name of the variety	NLR 33057 (Swathi)
2	Parentage	IR 36 x MTU 4569
3	Breeding method	Pedigree
4	Year of release	1997
5	Release through SVRC/CVRC	SVRC
6	Crop duration	120-125 days
7	Season	Rabi
8	Potential Yield	5.5-6t/ha
9	Area suitability	suitable for cultivation in early rabi season in tail end areas under tank fed irrigation system.
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Non lodging, resistant to blast, tolerant to BLB, fertilizer responsive,

## NLR 33358 (Somasila)



S. No.	Crop	Rice
1	Name of the variety	<b>NLR 33358 (Somasila)</b>
2	Parentage	Reselection from IR 50
3	Breeding method	Pureline selection
4	Year of release	1999
5	Release through SVRC/CVRC	SVRC
6	Crop duration	120 days
7	Season	Rabi and early kharif
8	Potential Yield	6.5-7t/ha
9	Area suitability	suitable for early kharif and rabiseasonsof AP
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy C) lodging tendency, grain shattering, d) recommended ecology	Resistant to blast and suitable for early kharif and rabi seasons



## NLR 33641 (Vedagiri)



S. No.	Crop	Rice
1	Name of the variety	<b>NLR 33641 (Vedagiri)</b>
2	Parentage	NLR 9672-96x IET 7230
3	Breeding method	Pedigree
4	Year of release	1999
5	Release through SVRC/CVRC	SVRC
6	Crop duration	150-165 days
7	Season	Kharif
8	Potential Yield	6-6.5t/ha
9	Area suitability	Adopted to blast endemic areas of southern zone. Suitable for kharif season
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Adopted to blast endemic areas of southern zone. Suitable for kharif season

## NLR 33654 (Apoorva)



S. No.	Crop	Rice
1	Name of the variety	<b>NLR 33654 (Apoorva)</b>
2	Parentage	Rasi x Phalguna
3	Breeding method	Pedigree
4	Year of release	2001
5	Release through SVRC/CVRC	SVRC
6	Crop duration	135days
7	Season	Rabi
8	Potential Yield	7t/ha
9	Area suitability	Suitable for rice growing areas of AP
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Suitable for rabi season. Under field conditions resistant to blast disease.



## NLR 33892 (Parthiva)

NLR 34449



S. No.	Crop	Rice
1	Name of the variety	<b>NLR 33892 (Parthiva)</b>
2	Parentage	NLR 27999x MTU 4870
3	Breeding method	Pedigree
4	Year of release	2006
5	Release through SVRC/CVRC	SVRC
6	Crop duration	155-160 days
7	Season	Kharif
8	Potential Yield	6t/ha
9	Area suitability	Suitable for late planting areas in kharif season
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Suitable for late planting areas in kharif season. Lodging susceptibility, long panicle.

## NLR 34449 Nellore Mahsuri



S. No.	Crop	Rice
1	Name of the variety	<b>NLR 34449 Nellore Mahsuri</b>
2	Parentage	IR 72 x BPT 5204
3	Breeding method	Pedigree
4	Year of release	2009
5	Release through SVRC/CVRC	SVRC
6	Crop duration	120-125 days
7	Season	Rabi and early kharif
8	Potential yield (t/ha)	7-7.5
9	Area suitability	suitable to grow throughout the year in all rice growing areas of AP
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Tolerant to salinity, Resistant to leaf blast Non lodging, non shattering, fertilizer responsive, photo-insensitive,



## NLR 3041 Nellore Sona



S. No.	Crop	Rice
1	Name of the variety	<b>NLR 3041 Nellore Sona</b>
2	Parentage	BPT 5204 x NLR 145
3	Breeding method	Pedigree
4	Year of release	2012
5	Release through SVRC/CVRC	SVRC
6	Crop duration	135-140 days
7	Season	Rabi and kharif
8	Potential yield (t/ha)	7-7.5
9	Area suitability	suitable for kharif and early rabi seasons in all rice growing areas of AP
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Tolerant to leaf and neck blast, non lodging, non shattering, incomplete panicle exertion, fertilizer responsive,

## NLR 40024 Swetha



S. No.	Crop	Rice
1	Name of the variety	<b>NLR 40024 Swetha</b>
2	Parentage	WGL 14280-1x NLR 30491
3	Breeding method	Pedigree
4	Year of release	2012
5	Release through SVRC/CVRC	SVRC
6	Crop duration	120-125
7	Season	Rabi and early kharif
8	Potential yield (t/ha)	7-7.5
9	Area suitability	suitable for kharif and early rabi seasons in southern zone of AP
10	Specific features a) Tolerance to biotic or abiotic stresses b) Seed dormancy c) lodging tendency, grain shattering, d) recommended ecology	Non lodging, heat and blast tolerant variety. Suitable for early kharif and rabi seasons.



## NLR 3354 Nellore Dhanyarasi



S. No.	Crop	Rice
1	Variety	NLR 3354 Nellore Dhanyarasi
2	Parentage	NLR 34242x NLR 34303
3	Breeding method	Pedigree
4	Year of release	2019
5	Release through CVRC/SVRC	SVRC
6	Crop duration	120-125
7	Season	Rabi and Early kharif
8	Potential Yield (t/ha)	7-7.5
9	Area suitability	All rice growing areas during rabi
10	Parentage	NLR 34242x NLR 34303

## NLR4001 Nellore siri



S. No.	Crop	Rice
1	Variety	NLR4001 Nellore siri
2	Parentage	NLR 145x MTU5249
3	Breeding method	Pedigree
4	Year of release	2020
5	Release through CVRC/SVRC	SVRC
6	Crop duration	140-145
7	Season	Kharif and early rabi
8	Potential Yield (t/ha)	7-7.5
9	Area suitability	All rice growing areas of AP
10	Salient features	Mid late fine grain rice variety having tolerance to neck blast and BPH



## NLR40054 Nellore Sugandha



S. No.	Crop	Rice
1	Variety	NLR40054Nellore Sugandha
2	Parentage	MTU 7029 x RNR 19994
3	Breeding method	Pedigree
4	Year of release	2020
5	Release through CVRC/SVRC	SVRC
6	Crop duration	130 days
7	Season	Rabi, Early kharif and kharif
8	Potential Yield (t/ha)	6.5-7
9	Area suitability	All Rice growing areas of AP
10	Salient features	Aromatic short grain rice. Tolerant to gall midge biotype 4 and blast