

XII. 1 : NEW VARIETIES IN PADDY

S. No	Variety	Duration (days)	Season	Yield (MT/ha)	Remarks	Year of re-lease	Year of Notification
Short Duration Varieties							
1	PMK(R)4 Anna R4	100-106	Sep-Oct	4.50	Non lodging, drought tolerant, long slender, suitable for Ramnad and Sivagangai district.	2009	2010
2	CO 51	105-110	Kar/ Sornavari/ Navarai	6.623	Moderately resistant to Blast, BBH, and GLH.	2013	2015
3	TPS 5	118	Kar and Late Pishanam	6.30	Non lodging, Short bold grain variety	2014	2014
4	MDU 6	110-115	Sornavari/ kar/ kuruvai/ Navarai	9.40	Long Slender, rice with intermediate amylase content, superior cooking quality	2015	2018
5	ADT 53	105	Kuruvai/Kodai/Navarai	6.34	Non lodging, medium slender, moderately resistant to blast, sheath rot, stemborer and leaf folder.	2019	2019
6	CO 53	115-120	Late Samba	3.72	Moderately resistant to blast, sheath rot, brown spot and Rice Tungro Disease. Suitable for drought prone districts	2020	Yet to be Notified
Medium Duration Varieties							
1	CO(R)48	130-135	Sep-Oct	6.1	Fine, moderate resistant to stem borer, blast, tungro & leaf blight	2007	2009
2	CO(R)49	135	Sep-Oct	6.28	Blast and Tungro Virus Resistant	2008	2010
3	CO 50	135	Late Samba/Thaladi	6.338	Medium slender	2010	2009
4	CO(R) H4 Hybrid	130-135	-	7.348	Blast resistant. Not suited for VNR, RND, SVG and Nilgris	2011	2012
5	ADT49	130-137	Late Samba/Thaladi	6.20	Medium Slender, moderately resistant to blast, sheath rot leaf folder	2011	2012
6	TKM 13	130	Samba / Thaladi	5.94	Moderately resistant to leaf folder, Stem borer, green leaf hopper and rice tungro disease.	2015	2016
7	MGR100 (CO52)	130-135	Late Samba/Thaladi	10.416	Medium Slender white rice, high milling Percentage, good head rice recovery, resistant to BPH, Leaf hoppers	2017	2018

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8	VGD-1	129	samba/ late samba	5.86	Scented Rice, High linear elongation ratio (2.1)- suitable for making briyani and khuska. Moderately resistant to leaf folder, blast and brown spot.	2019	2019
9	ADT 54	130-134	Late Samba/Thaladi	6.31	Resistant to leaf folder, Moderately resistant to stem borer and blast	2020	Yet to be Notified
Long Duration Varieties							
1	ADT50	149	August	5.95	Medium Slender, white Rice	2012	2012
2	CR1009 Sub1	155	Samba	5.76	Moderate resistance to brown spot, blast, BPH and white backed PH.	2015	2017
3	ADT51	155-160	Samba	6.53	Blast resistant, medium slender	2017	2018