

**Genetic Stocks registered with NBPGR by
ICAR-Indian Institute of Rice Research, Hyderabad**

Sl. No	Genetic Stock	INGR No	Year	Traits
CMS Lines				
1	DRR 4A & 4B	09077	2009	Cytoplasmic male sterility with higher rate of stigma exertion, MS grain type and high head rice recovery, semi dwarf stature.
2	DRR 5A & 5B	09078	2009	Higher rate of stigma exertion on A and B lines. Higher out crossing rate and semi dwarf stature. Medium maturity group and good tillering capacity.
3	DRR 9A & 9B	09079	2009	Higher rate of stigma exertion on A and B lines. Higher outcrossing rate and semi dwarf stature. Medium maturity group and good tillering capacity.
4	DRR 10A & 10B	09080	2009	CMS line with stable and complete male sterility. Medium maturity group. Higher rate of stigma exertion and out crossing.
Restorer Lines				
1	RPHR 517	09083	2009	Broad spectrum of fertility restoration with good plant type, high rate of pollen production with medium slender grain type, tall stature with high heterotic potential and late maturity duration.
2	RPHR 1096	09086	2009	Broad spectrum of fertility restoration and easily observable morphological marker purple basal leaf sheath and purple apiculus. High rate of pollen production, slow leaf senescence and high head rice recovery, tall stature and intermediate plant type with late maturity duration.
3	RPHR 619	09084	2009	Strong and broad spectrum of fertility restoration. Tall stature intermediate plant type with synchronous tillering, high pollen load and slow leaf senescence with medium maturity.
4	RPHR 2	09081	2009	Japonica plant type with long and heavy panicles and dark green thick leaves, strong and broad spectrum of fertility restoration with medium slender grain type and high head rice recovery. High pollen load and 36-45 days of grain filling period.
5	RPHR 12	09082	2009	Strong and broad spectrum of restoration, tropical japonica plant type, high rate of pollen production with medium slender grain type, tall stature with high heterotic potential and late maturity duration



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6	RPHR 1005	09085	2009	Broad spectrum of fertility restoration with good plant type, high rate of pollen production and good combining ability. BPT5204 derivative with short slender grain, lower panicle position and prominent top leaves.
BLB Pyramided Line				
1	IET 19045	09070	2009	MAS developed line with three BLB resistant genes Xa21+xa13+xa5
Basmati Line				
1	IET 15833	04002	2004	Semi-dwarf basmati with excellent grain quality and aroma
Low Phosphorus Line				
1	IET 9691	09071	2009	Tolerant to P deficient soil with higher root mass and volume. High yielder in P deficient and normal soils.
2	RP5972-13-1-6-67-129-266	19036	2019	Tolerant to low soil Phosphorous condition. Present in the background of MTU1010 with about 95.2% background recovery of the recurrent parent genome and yields more than MTU1010.
3	RP Bio 4918-228S	18002	2018	Novel donor for resistance to brown planthopper (BPH) Nilaparvata lugens in rice. Possesses high resistance in vegetative and reproductive stages.
4	NH686 (RP Bio 5477-NH686)	18003	2018	NH686 tolerant to low P condition. Dark green leaves and grain yield of NH686 was 6 fold more than N22 under low P condition. Early duration, broad leaves and medium bold grains.
Biotic Stress Resistant Lines				
1	RP 4518-2-6	09072	2009	Broad spectrum resistance against gall midge biotypes. Multiple resistance to GM+BPH.
2	RP 4621-1842	09073	2009	Broad spectrum resistance against gall midge biotypes. Multiple resistance to GM+BPH+WBPH+GLH .
3	RP 4621-1845	09074	2009	Broad spectrum resistance against gall midge biotypes. Multiple resistance to GM+BPH+WBPH+GLH.
4	RP 4639-110	09075	2009	Broad spectrum resistance against gall midge biotypes.
5	RP 4642-669	09076	2009	Broad spectrum resistance against gall midge biotypes. Multiple resistance of GM+BPH+WBPH+GLH.
6	AGGANI	09001	2009	Broad spectrum resistance against Asian rice gall midge biotypes. Resistance to African rice gall midge.
7	ARC 15831	09002	2009	Broad spectrum resistance against Asian rice gall midge biotypes.



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8	INRC 3021	09003	2009	Broad spectrum resistance against Asian rice gall midge biotypes.
9	INRC 202	09004	2009	Broad spectrum resistance against Asian rice gall midge biotypes.
10	RP 5448-RIL-501	16001	2016	Unique dual donor possessing resistance to two planthoppers namely Brown planthopper (<i>Nilaparvata lugens</i>) and whitebacked planthopper (<i>Sogatella furcifera</i>) which are major insect pests of rice.
11	RP 5866-Agami	17067	2017	Tolerance to Coastal Salinity and high Zinc
12	RP 5449-RIL-320	17066	2017	Resistance to Planthoppers
13	RP 5316- RIL-243	19003	2019	Resistance to Planthoppers
14	RP Bio Patho-2	18001	2018	Broad-spectrum resistance for leaf blast and bacterial blight. Moderate resistance for Neck blast, Sheath blight, Sheath rot and Brown spot besides blast resistance.
Improved Lines				
1	DRR-BL-31	15002	2015	Improved lines in the background of PR114 with resistance to leaf blast and neck blast and found that it carry novel blast resistance genes.
2	DRR-BL-150	15001	2015	Improved lines in the background of PR114 with resistance to leaf blast and neck blast and found that it carry novel blast resistance genes.
3	Rice line	20079	2020	Higher culm strength in elite genetic background of Samba Mahsuri.
4	Rice line	20080	2020	Highly tolerant to sheath blight. Medium slender grain type. Possessing genetic background of elite cultivar Samba Mahsuri.



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