

## New nomination during five years for AICRIP trials

### Crop Improvement

Year	AICRIP Trial	IET No.	Designation	Cross combination	Grain type	
2017	IVT-IM	26844	NWGR-9147	(GR-103 x IET-16900) x IR-72	LS	
	IVT-IM	26833	NWGR-7023	GR-6 x IRBB-13	LS	
	IVT-MS	27104	NWGR-13140	GAUR-100 x IR-64	MS	
	IVT-Aerobic	27208	NWGR-13031	Ratna x NWGR-2010	LB	
2018	IVT-MS	27426	NWGR-12048	Gurjari x IR-38 /4-1-1-1-1-1	MS	
	IVT-MS	27417	NWGR-13139	GR-12 x IET-15554/1-6-1-1-1	MS	
	IVT-ME	-	NWGR-14056	GR-4 x NWGR-99123/51-1-2-1-2-1	MS	
	IVT-MS	27457	NWGR-14057	GR-4xNWGR-99123/51-1-2-2-1-1-1	MS	
	IVT-IM	27685	NWGR-14072	SK-20 x Vandana/69-3-2-1-1-1-1	MS	
	IVT-E-TP	27895	NWGR-14065	Gurjari x Vandana/41-3-1-1-1-1-1	LB	
	IVT-Aerobic	27949	NWGR-14071	SK-20 x Vandana/69-1-2-2-1-1-1	MB	
	IVT-ME	27761	NWGR-14059	GR-4 x NWGR-99123/51-2-2-1-1-1	MS	
	IVT-ASG	27791	NWGR-9081	GR-7 x NWGR-99038/6-3-2-1-1	MS	
2019	IVT-MS	-	NWGR-15022	GR-11 x IR-60 (22-1-1-2-1-1-1-1)	MS	
		-	NWGR-13057	Gurjari x IET-17126(1-4-2-2-3-1)	MS	
	IVT-IM	-	NWGR-13055	Gurjari x IET-17126(1-4-2-2-1-1)	MS	
		-	NWGR-14084	GR-11x NWGR-97116(53-1-1-2-1-1-1)	MS	
	IVT-E-TP	-	NWGR-13041	Gurjari x IET-18672(1-1-1-3-1-1)	MB	
	IVT-IME	-	NWGR-13087	Dandi x IIRON-108(1-2-1-2-2-1-1)	MS	
		-	NWGR-13052	Gurjari x IET-17126(1-4-1-1-1-1)	MS	
		-	NWGR-14005	Kudarat-4 x Gurjari(5-1-1-1-1-1)	MS	
	<b>Promoted to AVT-IME</b>					
	IVT-Aerob.	-	NWGR-12002	IR-28 x IET-16810(1-1-1-1-2-1)	MB	
<b>Promoted to AVT-Aerobic in Z-III</b>						
2020	IVT-MS	-	NWGR-16022	GR-11 x IET-19791 (26-3-1-1-1-1-1)	MS	
		-	NWGR-15026	GR-11 x IET-19554 (24-2-1-4-1-1-1-1)	MS	
	IVT-Biofort	-	NWGR-8001	GR-3x NWGR-97011 (5-1-1-1)	LS	
	IVT-E-TP	-	NWGR-15019	Gurjari x CN-1223-5-4-9-2 (12-3-2-1-1-1-1-1)	MB	
		-	NWGR-16030	Gurjari x Govind (33-2-1-1-1-1-1)	MB	
	IVT-AEROBIC	-	NWGR-13065	Gurjari x NWGR-98159 (1-1-1-2-3-1)	LS	
		-	NWGR-14060	GR-4 x NWGR-3019 (30-1-1-1-1-2)	MS	
	IVT-E-TP-	-	NWGR-13041	NWGR-13041(IET-28331)	MB	
-		NWGR-13087	NWGR-13087 (IET-28370)	MS		

2021	IVT-E	-	NWGR-16032	Gurjari x NWGR-3015/35-2-1-1-1-1-1	MB	
		-	NWGR-16034	Gurjari x IET-19850/37-2-1-1-1-1-1	MB	
	IVT-IME	-	NWGR-17075	Gurjari x IET-20575/5-2-1-1-2-2-1	LB	
		-	NWGR-17074	Gurjari x IET-20575/5-2-1-1-2-1-1	LS	
	IVT-MS	-	NWGR-17076	GR-3 x NWGR-3200/2-1-1-1-1-1-1	MS	
		-	NWGR-17032	GAR-13 x NWGR-3107/3-1-1-1-1-1	MS	
		-	NWGR-17111	GAR-13 x Yamini / 2- 1-1-1-1-1-1	MS	
		-	NWGR-17121	GAR-13 x IET-2006/1-1-1-1-1-1-1	MS	
		-	NWGR-17123	GAR-13 x IET-2006/1-1-1-1-1-4-1	MS	
	IVT-IM	-	NWGR-16058	WGR-3119 x Pusa Basmati/53-1-2-1-1-1-1	SS	
		-	NWGR-17087	GR-7 x NWGR-5048/1-1-1-3-1-1-1	MS	
	IVT-Aerobic	-	NWGR-15050	GR-13 x NWGR-9212/1-1-1-1-1-1	LS	
		-	NWGR-15054	GR-13 x IIRON-M-11-507/2-1-1-1-1-1	MS	
	IVT-DSR Rain Fed	-	NWGD-1803	Gurjari x NWGR-4005/4-1-2-3-1	MS	
		-	NWGD-1804	Gurjari x NWGR-4005/4-1-2-3-2	MS	
		-	NWGD-1805	Gurjari x NWGR-4005/4-1-2-3-3	LS	
		-	NWGD-1806	Gurjari x NWGR-4005/4-1-2-4-1	MB	
		-	NWGD-1825	NWGR-5060 x NWGR-10007/4-1-1-2-	MB	
	2022	IVT-E	-	NWGR-16032	Gurjari x NWGR-3015/35-2-1-1-1-1-1	MB
			-	NWGR-16034	Gurjari x IET-19850/37-2-1-1-1-1-1	LB
IVT-IME		-	NWGR-17075	Gurjari x IET-20575/5-2-1-1-2-2-1	LS	
		-	NWGR-17074	Gurjari x IET-20575/5-2-1-1-2-1-1	MS	
IVT-MS		-	NWGR-17076	GR-3 x NWGR-3200/2-1-1-1-1-1-1	MS	
		-	NWGR-17032	GAR-13 x NWGR-3107/3-1-1-1-1-1	MS	
		-	NWGR-17111	GAR-13 x Yamini / 2- 1-1-1-1-1-1	MS	
		-	NWGR-17121	GAR-13 x IET-2006/1-1-1-1-1-1-1	MS	
		-	NWGR-17123	GAR-13 x IET-2006/1-1-1-1-1-4-1	SS	
IVT-IM		-	NWGR-16058	NWGR-3119 x Pusa Basmati/53-1-2-1-1-1-1	MS	
		-	NWGR-17087	GR-7 x NWGR-5048/1-1-1-3-1-1-1	LS	
IVT-Aerobic		-	NWGR-18217	GR-11 x Pusa Basmati/1-2-2-1-2-1-10	MS	
		-	NWGR-17133	GR-12 x NWGR-7022/1-5-1-1-1-1-1	MS	
IVT-Aromatic		-	NWGR-15050	GR-13 x NWGR-9212/1-1-1-1-1-1	MS	
			NWGR-15054	GR-13 x IIRON-M-11-507/2-1-1-1-1-1	LS	

2022	IVT-DSR Rain Fed	-	NWGD-1803	Gurjari x NWGR-4005/4-1-2-3-1	MB
			NWGD-1804	Gurjari x NWGR-4005/4-1-2-3-2	MB
			NWGD-1805	Gurjari x NWGR-4005/4-1-2-3-3	MB
			NWGD-1806	Gurjari x NWGR-4005/4-1-2-4-1	MB
			NWGD-1825	NWGR-5060 x NWGR-10007/4-1-1-2-1	MS
2023	IVT-E	-	NWGR-19192	Jaya x IIRON-M-1-204/2-3-1-1-1-1-1	MB
		-	NWGR-19200	Jaya x IIRON-M-1-204/2-3-1-1-1-2-4	MB
			NWGR-18202	GR-11 x Mahisagar/3-3-1-1-1-2-4	MS
	IVT-MS		NWGR-19219	Jaya x IIRON-M-1-204/4-8-1-5-1-1-1	MS
			NWGR-18121	GR-11 x Pusa Basmati/1-5-2-1-2-1-1	MS
			NWGR-17121	GAR-13 x IET-2006/1-1-1-1-1-1-1	MS
	IVT-IME		NWGR-19222	Jaya x IIRON-M-1-204/4-8-1-5-1-2-1	MS
			NWGR-17075	Gurjari x IET-20575/5-2-1-1-2-2-1	M
	IVT-Aerobic		NWGR-19227	Jaya x IIRON-M-1-204/12-1-1-5-1-1-2	MB
			NWGR-18096	Gurjari x Zinnia-31/2-9-1-1-2-1-1	M
			NWGR-15050	Mahisugandha x IR-64/39-1-1-1-3-1-1-3	M

## Entomology

Year	AICRIP Trial	Designation	Cross Combination/ Pedigree	Resistant Reaction	Grain type
2017-18	MRST	NWGR-8001	GR-3 x NWGR-97011/5-1-1-1	Stem borer, Leaf folder and BPH	-
	MRST	NWGR-12048	Gurjari x IR-38/ 4-1-1-1-1-1	Stem borer, Leaf folder and BPH	-
	LFST	NWGR-13137	GR-12 x IET-15554/1-2-1-1-2-1	Leaf folder	-
2018-19	LFST	NWGR-9078	GR-7 x NWGR-99038/1-1-1-1	Leaf folder	-
	LFST	NWGR-13052	Gurjari x IET 17126/1-4-1-1-1-1	Leaf folder	-
	LFST	NWGR-16041	NWGR 2006 x Mahisugangha /47-1-1-1-1-1-1	Leaf folder	-
2021-22	MRST	NWGR-16031	Gurjari x Varalu	Stem borer, Leaf folder and WBPH	Long bold
	MRST	NWGR-15028	GR-11 x MTU-1010	Stem borer, Leaf folder and WBPH	Medium slender
	LFST	NWGR-16032	Gurjari x NWGR-3015	Leaf folder	Short bold
2022-23	LFST	NWGR-16032	Gurjari x NWGR-3015	Leaf folder	Short bold
2023-24	SBST	NWGR-19007	Gurjari x IR-28	Stem borer	Medium slender
	SBST	NWGR-19197	Jaya x IIRoN-M-1-204	Stem borer	Medium
	LFST	NWGR-18083	Gujarat x Z-31	Leaf folder	Medium
	LFST	NWGR-19183	GR 11 x IIRoN-M-1-216	Leaf folder	Medium slender
	LFST	NWGR-15028	GR 11 x MTU-1010	Leaf folder	Medium slender
	MRST	NWGR-19064	GR 7 x Nawagam-7075	Stem borer, Leaf folder and WBPH	Medium slender

**NWGR 13017:** A Rice Genotype Resistance against Leaf Folder is registered as Genetic Stock material as INGR21115 at Plant Germplasm Registration Committee (PGRC) of ICAR, New Delhi on September 21, 2021.

## Plant Pathology

Year	AICRIP Trial	Designation	Cross Combination/ Pedigree	Resistant Reaction	Grain type
2018-19	DSN	NWGR-8001	GR-3 x NWGR-97011/ 5-1-1-1 SP	BLB, ShR and GD	-
	DSN	NWGR-11002	Sathi 34-36 x NWGR-98119/ 1-1-1-1-2 SP	BLB, ShR and GD	-
	DSN	NWGR-11048	Gurjari x Kamod Deshi/ 1-4-1-2-2-1 SP	BLB, ShR and GD	-
	DSN	NWGR-12002	IR-28 x IET-16810/ 1-1-1-1-2-1	BLB, ShR and GD	-
	DSN	NWGR-12016	GR-5 x Abjali/ 1-4-1-2-1	BLB, ShR and GD	-
	DSN	NWGR-14035	GR-3 x NWGR-99123/ 19-1-1-1-3-1-1	BLB, ShR and GD	-
	DSN	NWGR-14084	GR-11 x NWGR-9716/ 53-1-1-2-1-1-1	BLB, ShR and GD	-
2019-20	DSN	NWGR-8001	GR-3 x NWGR-97011/ 5-1-1-1 SP	BLB, ShR and GD	-
	DSN	NWGR-11002	Sathi 34-36 x NWGR-98119/ 1-1-1-1-2 SP	BLB, ShR and GD	-
	DSN	NWGR-11048	Gurjari x Kamod Deshi/ 1-4-1-2-2-1 SP	BLB, ShR and GD	-
	DSN	NWGR-12002	IR-28 x IET-16810/ 1-1-1-1-2-1	BLB, ShR and GD	-
	DSN	NWGR-12016	GR-5 x Abjali/ 1-4-1-2-1	BLB, ShR and GD	-
	DSN	NWGR-14035	GR-3 x NWGR-99123/ 19-1-1-1-3-1-1	BLB, ShR and GD	-
	DSN	NWGR-14084	GR-11 x NWGR-9716/ 53-1-1-2-1-1-1	BLB, ShR and GD	-
2022-23	DSN	NWGR-17056	GAR-13 x Kudarat-3/1-1-1-1-1	BLB, LB, NB, ShR and GD	-
2024-25	DSN	NWGR-17008	Dandi x Z-31/ 1-1-3-1-1-1	BLB, NB, ShR and GD	-
	DSN	NWGR-17048	GAR-13 x NWGR-9212/ 1-1-1-1-2-1	BLB, NB, ShR and GD	-

**Donor Parents Identified:** NWGR-11048 and NWGR-12016 identified as resistance donor against grain discoloration of rice.